Products Catalogue

2nd Half 2013

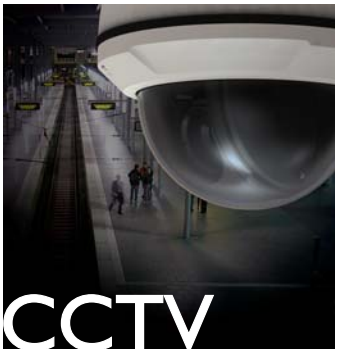
Cubitech

EXCELLENCE IN DIGITAL SECURITY

In Cubitech we aim to completely satisfy our partners and customers. We realize that this goal is dynamic and therefore we constantly adapt our strategy and take the necessary steps to achieve it. The correct approach is the careful selection of our staff. Higher education and love for the technology are non-negotiable criteria. We aim for continuous staff training and therefore train our partners also. Continuous training of our partners is key point in the customer satisfaction. We manufacture and choose to distribute systems that have high quality/price value. Next, we ensure the continuous improvement of quality and technology of these systems for increasing their added value. Software upgrades are often for these systems in our effort to ensure the best use for all characteristics of our systems. Furthermore, we evaluate the effectiveness of products and our services and take steps to correct any shortage of products that might occur. If omissions are found or there is criticism against us, we do not hesitate to take immediate corrective actions. The certification of product and service quality is for us a necessary procedure.

We invest in our presence in international and domestic exhibitions, trying to demonstrate our technologies, and we listen to the market trends for enhancing the image of our company.

Nikos Kalafatis



page: 6 Cubis
New products CubisNX Mini and CubisIP Mini and the whole range of CubisNX.

page: 20 NVR - DVR
Refreshed NVR-DVR superior quality and technology with the seal of our company.

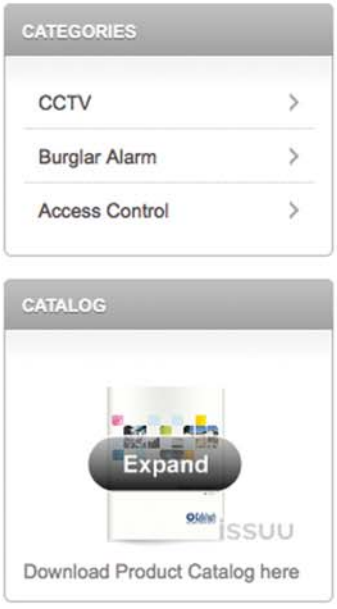
page: 24 Cameras
Analog cameras, integrated system solutions SDI and IP, Video Encoders PTZ cameras and accessories.

page: 44 Accessories
Passive and active UTP Transceivers, UPS, 3G Router, Router, UPS, Power Supplies and several Installation parts.

page: 52 Illuminators
Infrared Illuminators, Hybrid, White Light, Fusion and Platinum for short and long distances.

page: 61 Access Control
New access control systems for extended cover areas. Controllers, Readers, Standalone Controllers, Accessories and Turnstiles.

partners.cubitech.com



The site **partners.cubitech.com** was created to give instant solution to the needs of our partners. Works like a Knowledge Base. Information, support, technical knowledge is provided to our partners for immediate, correct and effective resolving of technical problems.

Specifically offers:

- Photos and descriptions of products
- Technical product brochures
- Software Updates for Cubis
- Cubis Version History
- "How to" Guides
- Installation Manuals
- Support Videos
- Certificates
- Newsletter

Become a Member of partners.cubitech.com now ...!

Each partner will receive unique credentials for login, provided from us.

CCTV

CubisNX Series

DVR

Cameras

SDI Solution

IP Solution

Video Balun

Power Supplies

Cables

CCTV Illuminators

H.264

It refers to the compression encoding of video footage. H 2.64 protocol is the most recent compression protocol and delivers high quality recorded and transmitted images.

Video Inputs

Displays the maximum number of cameras that can connect to the system.

Remote Control

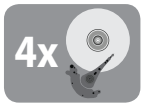
Includes remote control for the standalone DVR.

Mobile View

The system has the ability to transmit images to mobile phones and smartphones.

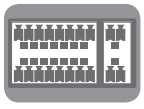
PTZ

Control of PTZ cameras can be achieved through RS-485 port.



SATA HDD

Is the maximum number of HDDs that can be supported by a system.



Alarm Output

The number of alarm outputs that a system supports giving the ability to control devices such as lights, doors and other devices.

TV OUT

Connectivity to monitors is possible using TV OUTs.

Recording Resolution

Common recording resolutions are D1: 720x576pixel, 4CIF: 704x576pixel, CIF: 352x288pixel. For the SDI Megapixel cameras the resolution is refered as 720p, 1080p that correspond to 1.3Mp and 2Mp.

eSATA

Support of external HDDs of eSATA technology for exporting video data.

960H

960H is a new standard for security cameras and security DVRs that provides high resolution images using advanced image sensors. Security cameras capable of 960H produce an image that is 960 horizontal and 480 vertical pixels large (960x480).

Image Resolution

Image resolution refers to the maximum number of pixels that create an image.It consists of two numbers that correspond to the horizontal and vertical resolution.The usual resolution are D1: 720x576pixel, 4CIF: 704x576pixel, CIF: 352x288pixel. For the SDI Megapixel cameras the resolution is referred as 720p, 1080p that correspond to 1.3Mp and 2Mp. CubisNX Hybrid support all previous resolutions.

1080p

720p

D1

CIF

SDI Cameras

To the opposite side of IP Megapixel cameras are SDI Megapixel cameras.They combine the advantages of IP Megapixel with resolutions of 1.3 και 2.0 MP with the ease and advantages of analog cameras.They do not demand new cabling installation, new equipment and transmit uncompressed video to the DVR.As a result they produce smaller image sizes and consume less network Bandwidth and a signal transmission via the cable GR-59. Cubis systems support SDI Megapixel technology offering Megapixel recorders or Hybrid systems that combine analog and SDI Megapixel cameras.

CubisNX

Compatible with existing cabling

RG-59 Cable

1080p

CubisNX with 720p camera
4x Digital Zoom

Exceptional image quality even with digital zoom.

Standalone DVR με κάμερα
D1 4x Digital Zoom

Why Cubis?

Hardware layer investment protection

Cubis systems can be upgraded according to the needs of the company protecting the investment of ownership. The systems can be upgraded as model, number of channels, time of recording and can be extended to double or triple hybrid systems (Analogue and SDI, analogue SDI and IP).

Full Technical Support

Our company's technical support offers:

- First Degree Line Support for problems solving over the telephone.
- Second Degree Support for service In House, for repairing systems at our technical department following ISO procedures.
- On site support for our network of partners if this is requested.

Integration with Access Control

The system can communicate with Access Control having the ability to record access events simultaneously with video from the camera. It supports snapshots and optical verification of the user that uses access control, search users over the recorded footage create alarms from events of the access control, send video clip or snapshots to CubisCENTRAL in case of non authorized access.

Integration with P.O.S. (Point Of Sales)

The system with the POS function transmits every cashier transaction and records the video footage accordingly, to verify visually. The transaction data of each item are imported to the video image making the visual check and easy case. Using multiple filters there is the ability to search per camera, cashier, worker, item, value, quantity, period of time and other. There is also the option to create automatic alarm in specific sales scenaria.

Integration with Video Analytics (V.A.)

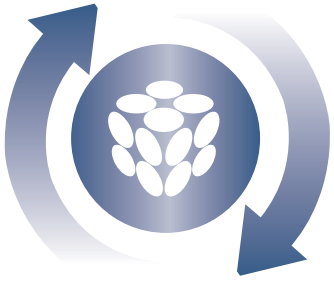
The upgrade of ordinary CCTV installation with the addition of video analytics significantly increases the event detection rate and dramatically reduces the human resources that are needed for continuous monitoring of large areas. The system automatically recognizes, zoom and identifies people and vehicles without human interference being neccessary.
The integration with Cubis offers automated alarm scenarios or dynamic search with multiple filters of all recorded events.

CubisCENTRAL – Control Room

CubisNX series offers the possibility to connect to CubisCENTRAL / Control Room by automatically sending to the central station recorded footage of the alarm for avoiding stealing or destruction of the system. The operator on the central station receives in a few seconds the event footage that trigger the alarm and live feed from cameras that have been chosen. Activating the panic button the operator on the central station can remotely create a set of preconfigured actions like activating lights, release gas or smoke.

Continues update and addition of features

Cubis Client is constantly updated offering new capabilities



and functionality. All software updates are offered without any charge and they are available through the Knowledge base of Cubitech.

High Know-How

All Cubis Systems incorporate all latest technologies and have high Know-How that comes from the demands of 5.500 customers that have chosen it because of high technical demands requested by complex projects. With almost 10 years of presence in the market, Cubis systems is nowadays, a mature and secure choice that combines stability and technology.

Triple Hybrid

Triple Hybrid Cubis AIS supports all the latest camera technologies (Analog, SDI Megapixel and IP Megapixel) into a unified and completed platform. It offers the designer of projects to choose the best from each technology or to combine any of these technologies to achieve the best result. It supports all current installations and gives the freedom to add new solutions without having to change the infrastructure.

HD cameras with same infrastructure

The technologicall brakethrough of the analog cameras and the opponent of IP Megapixel cameras is SDI Megapixel. It combines the advantages of IP Megapixel cameras with resolution of 1,3 and 2.0 MP with the ease of use of the analog cameras.
They do not demand of new cable installation, no new active equipment, they transport uncompressed video signal to the video recorder, they produce smaller image size files and they consume lower bandwidth on the network.
Cubis systems support the new SDI technology offering Megapixel systems or Hybrid that combine analog and SDI cameras.

High Tolerance systems

Cubis systems can be build under customer request with hot swap raid hard disk drives and redundant hot swap power supply units.

Custom Software Solutions

We can provide the capability of developing custom Software Solution satisfying different needs of CCTV projects.

Greek Product??

Our systems are build, developed and supported by our company

with commercial activity to Greece, Europe, Cyprus, and Middle East.

Certifications

Our systems has , CE, Kalagate & EN50130-4 certificates. Kalagate certification ensures that the recorded vifeo can be used as evidence in the European courts and EN50130-4 certification ensures that the system can be used as a security system according to the European standard..

Flexible remote Monitoring for analog Camera

CubisNX Mini

- 4, 8 and 16 analog cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Integration with POS
- Simple networking of unlimited number of NVR systems
- PTZ Control, popular protocols supported (option)

ANALOG

CubisNX is an affordable yet technologically advanced NVR solution designed to meet security needs of small to medium sized businesses such as offices, warehouses, franchise stores, etc. Based on a new platform, offers all the capabilities of CubisNX but in a smaller size. Its modular design is expandable over any kind of IP network and allows the implementation of multi-location systems as a single unified system.

Technical Specifications	CBNX-04 Mini	CBNX-08 Mini	CBNX-16 Mini
ORDERING CODE	2024010	2024020	2024030
Video / Audio Inputs	4/4	8/8	16/16
D/O (max)		Option (4-4)	
TV-OUT		2x(Multiplexer / Switcher)	
RS-485		Option	
Recording Speed	50fps@CIF	100fps@CIF	200fps@CIF
Recording Resolution (max)		CIF (4CIF)	
Maximum number of HDDs		1x2.5" (SSD) & 1X3.5"	
Monitor/Display Output		1 xVGA	
POS / ATM License (max)	2(4)	2(8)	2(16)
Integration with Access Control (max)		2(256)	
CubisNX Remote Software		Free	
Connection with CubisCENTRAL		Yes	
Power Supply / Consumption		220 ~ 240V AC / 60W max (External Power Supply)	
Dimensions		300(L)x273(W)x65mm(H)	
Weight		4.8Kg	

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Expansion in total 4 DI / 4 DO, RS485	7018003
Storage License up to 500GB	Free
Storage License 1~2TB	036

Affordable Megapixel Video Recording

CubisIP Mini

- Supports a wide range of IP cameras
- Various resolutions up to 5MP
- Supports Video Analytics
- Supports Dual / Triple stream cameras
- Small case factor

ONVIF IP

Based on the technology of CubisAIS, **CubisIP Mini** is a solution for recording IP cameras. Supports Video Analytics and also a large range of IP cameras using OnVif protocol. Based on a new platform, offers all the capabilities of CubisIP but in a smaller size.

Technical Specifications	CBIP-04 Mini	CBIP-08 Mini	CBIP-16 Mini
ORDERING CODE	2043002	2043004	2043006
IP Camera Inputs	4	8	16
Recording Resolution	Depending on camera type		
Frame Rate	Depending on camera type		
Compression	H.264		
USB ports	4		
Maximum Number of HDDs	1x2.5" (SSD) & 1X3.5"		
Monitor/Display Output	1 xVGA		
Client Software	Free of charge		
Regulatory / Warranty	CE (Class A) / 2 years		
Cubitech Software Subscription	2 years of updates included		
Power Supply / Consumption	220 ~ 240V AC / 60W max (External Power Supply)		
Dimensions	300(L)x273(W)x65mm(H)		
Weight	4.8Kg		

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Storage License up to 500GB	Free
Storage License 1~2TB	036

CubisNX

Easy networking of multi-site projects

- Simple networking of unlimited number of NVR systems
- Up to 32 camera inputs per system
- Upgradable from 4 to 32 camera inputs
- Easily integrated with CubisCENTRAL centralized monitoring software
- Integration with Access Control
- Integration with POS

HYBRID **ANALOG** **SDI**

HD cctv

CubisNX is an affordable yet technologically advanced NVR solution designed to meet security needs of small to medium sized businesses such as offices, warehouses, franchise stores, etc. Its modular design is expandable over any kind of IP network and allows the implementation of multi-location systems as a single unified system.

Technical Specifications	CBNX-04	CBNX-08	CBNX-16	CBNX-24	CBNX-32
ORDERING CODE	2018003	2018007	2018011	2018015	2018019
Video / Audio Inputs	4/4	8/8	16/16	24/16	32/16
D/O (max)	4-4 (16-16)				
TV-OUT	2x(Multiplexer / Switcher)				
RS-485	YES				
Frame Rate	50fps@CIF	100fps@CIF	200fps@CIF	200fps@CIF	200fps@CIF
Record Resolution (max)	CIF (4CIF)				
Maximum number of HDDs	5x3.5" (without DVD 6x3.5")				
POS / ATM License (max)	2(4)	2(8)	2(16)	2(24)	2(32)
Integration with Access Control (max)	2(256)				
CubisNX Remote Software	Free				
Connection with CubisCENTRAL	Free				
Power Supply / Consumption	220V AC / 70W	220V AC / 75W	220V AC / 85W	220V AC / 90W	220V AC / 95W
Dimensions	423(L)x423(W)x161mm(H)				
Weight	13.5Kg				

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Add 2ch SDI 50fps@1080p	2038007
Add 4ch SDI 100fps@720p	2038009
Extend in total 8 DI / 8 DO	7018006
Extend in total 16 DI / 16 DO	7018006 x2

	ORDERING CODE
Rack Brackets (Black) / (Silver)	7012020 / 7012021
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037

*Storage License up to 500GB is Free

The BEST of Analog and Megapixel

CubisNX-D1

- Up to 32 camera inputs in full D1 or 960H resolution
- Upgrade up to 4ch SDI Megapixel (720p/1080p)
- Master/Slave Architecture for designing installations with many cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Integration with Access Control
- Integration with POS

HD cctv

HYBRID ANALOG SDI *960H*

CubisNX-D1 is a high performance Network Video Recorder which offers high quality video recording up to 25fps/channel at high resolution of D1. It can be used in banks, money-counting points, cash tills and where image detail is a must. CubisNX software with its user-friendly interface makes the most advanced surveillance features easy to use and uncomplicated.

Technical Specifications	CBNX-04-D1	CBNX-08-D1	CBNX-16-D1	CBNX-24-D1	CBNX-32-D1
ORDERING CODE	2036001	2036002	2036004	2036006	2036008
Video / Audio Inputs	4/4(option)	8/8(option)	16/8(option)	24/16(option)	32/16(option)
D/O (max)	4-4 (16-16)				
TV-OUT	1x(Switcher)				
RS-485	YES				
Frame Rate	100fps@D1	200fps@D1	400fps@D1	400fps@D1	400fps@D1
Record Resolution (max)	D1				
Maximum number of HDDs	5x3.5" (without DVD 6x3.5")				
POS / ATM License (max)	2(4)	2(8)	2(16)	2(24)	2(32)
Integration with Access Control (max)	2(256)				
Cubis NX Remote Software	Free				
Connection with CubisCENTRAL	Free				
Power Supply / Consumption	220V AC / 90W	220V AC / 100W	220V AC / 135W	220V AC / 160W	220V AC / 170W
Dimensions	423(L)x423(W)x161mm(H)				
Weight	13.5Kg				

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Add 2ch SDI 50fps@1080p	2038007
Add 4ch SDI 100fps@720p	2038009
Add 4ch TV-OUT (4xTV-OUT)	7016069
Extend in total 16 DI / 16 DO	7018006 x2

	ORDERING CODE
Rack Brackets (Black) / (Silver)	7012020 / 7012021
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037

*Storage License up to 500GB is Free

CubisNX-MP

High Definition CCTV for SDI Megapixel cameras

SDI

HD cctv

- 4ch and 8ch camera systems
- Up to 25fps in each channel at 720p
- Digital zoom on live and recorded video footage
- Mater/Slave Architecture for designing installations with high number of cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Integration with Access Control
- Integration with POS

CubisNX-MP is a High Definition Networked Video Recorder solution which supports Megapixel Cameras through SDI Interface and RG-11 cabling. Designed for the most demanding users, with a range of recording speeds up to 100 fps per 4 channel system, CubisNX-MP is an excellent solution where image detail is a must. It has applications in high security locations such as supermarkets, cashiers, vaults, banks etc

Technical Specifications	CBNX-MP4		CBNX-MP8
ORDERING CODE	2032006		2032008
Video / Audio Inputs	4 / 1		8 / 1
D/O (max)		4-4	
RS-485		YES	
Frame Rate	100fps@720p		200fps@720p
Record Resolution (max)		720p	
Maximum number of HDDs		5x3.5" (without DVD 6x3.5")	
POS / ATM License (max)	2(4)		2(8)
Integration with Access Control (max)		2(256)	
Cubis NX Remote Software		Free	
Connection with CubisCENTRAL		Free	
Power Supply / Consumption	220V AC / 100W		220V AC / 125W
Dimensions		423(L)x423(W)x161mm(H)	
Weight		13.5Kg	

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Rack Brackets (Black)	7012020
Rack Brackets (Silver)	7012021

	ORDERING CODE
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037
Storage License up to 500GB	Free

Vehicle monitoring with Wireless video transmission

CubisNX Mobile

- Up to 4ch camera system
- Solid State HDD
- Built -in Wi-Fi and 3G
- Easily integrated with CubisCENTRAL centralized monitoring software

ANALOG

CubisNX Mobile is the newest wireless solution for monitoring a fleet of vehicles remotely. CubisNX Mobile offers the ability of transmitting high quality video and audio via 3G/GPRS network or Wi-Fi network, with no cable requirements. High speed transmission allows the continuous observation of the vehicle. The antivibration technology and the use of SSD HDD offers makes it an ideal solution for every vehicle.

Technical Specifications	CBNX Mobile
ORDERING CODE	2022007
Video / Audio Inputs	4 / 1
D/O (max)	4 - 2
RS-485	YES
Frame Rate	100fps@D1
Record Resolution (max)	D1
Maximum number of HDDs	1x2.5" (SSD)
POS / ATM License (max)	1
Integration with Access Control (max)	2(256)
Cubis NX Remote Software	Free
Connection with CubisCENTRAL	Free
Power Supply / Consumption	10 ~ 36V DC / 35W
Dimensions	423(L)x423(W)x161mm(H)
Weight	13.5Kg

SSD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
External Antenna 3G	3016009
Power Supply	7052202
Power Supply Cable	7052210

	ORDERING CODE
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037

*Storage License up to 500GB is Free

CubisAIS

Triple Hybrid Solution

ANALOG IP SDI

ONVIF HD cctv

- Support of Analog, IP and SDI cameras in one system
- Up to 32ch full D1 Analogue, 16 IP and 4 SDI cameras
- Multiple TV-outs are possible for use in Control Rooms
- Easily integrated with CubisCENTRAL centralized monitoring software
- Supports Video Analytics

With the maturity and stability of CubisNX series, **CubisAIS** is high flexible solution that allows the CCTV system designer to build project of mixed technologies. As a result, the costs are significantly lower by using the best of each technology. **CubisAIS** supports a large range of IP cameras (MP resolutions) and at the same time analog and SDI 720p/1080p cameras. It can be integrated with CubisCENTRAL.

Technical Specifications	CBNX-AIS-08	CBNX-AIS-16	CBNX-AIS-24	CBNX-AIS-32
ORDERING CODE	2040006	2040008	2040009	2040010
Video / Audio Inputs	8/8	16/16	24/24	32/32
D/O (max)	8-8 (16-16)	16-16	16-16	16-16
TV-OUT	2x			
RS-485	YES			
Frame Rate	200fps@D1	400fps@D1	600fps@D1	800fps@D1
Record Resolution (max)	D1			
Maximum number of HDDs	5x3.5" (without DVD 6x3.5")			
POS / ATM License (max)	2	2	2	2
Integration with Access Control (max)	2(256)			
Cubis NX Remote Software	Free			
Connection with CubisCENTRAL	Free			
Power Supply / Consumption	220V AC / 90W	220V AC / 120W	220V AC / 135W	220V AC / 150W
Dimensions	423(L)x423(W)x161mm(H)			
Weight	13.5Kg			

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Add 4ch IP	7045050
Add 4ch SDI 100fps@720p	2038009
Extend in total 16 DI / 16 DO	7016088
Rack Brackets (Black) / (Silver)	7012020 / 7012021

	ORDERING CODE
4xTV-OUT	7016085
2xHDMI (VDC7002HDMI)	7016086
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037
*Storage License up to 500GB	Free

Select IP Cameras

CB-DI1336F
ORDERING CODE: 1123020

CB-BI1340F
ORDERING CODE: 1115020

CB-BI2128V
ORDERING CODE: 1117020

For more information refer to page 37

Select SDI Megapixel Cameras

CB-DHD3516IR-2.1
ORDERING CODE: 1032008

CB-BHD560IR-2.1
ORDERING CODE: 1031004

CB-90MP-2.1
ORDERING CODE: 1031020

Technical Specifications	CB-DHD3516IR-2.1	CB-BHD560IR-2.1	CB-90MP-2.1
Image Sensor	1.3M Progressive Scan	2.1M Progressive Scan	2.1M Progressive Scan
Horizontal Resolution	> 800TVL	> 800TVL	> 1000TVL
Lens	3.5 ~ 16mm	5 ~ 60mm	2.8 ~ 12mm
Minimum Illumination	0Lux IR on	0Lux IR on	0.0008Lux (B/W) DSS on
IR Led	21 IR Led, Φ5, 850nm	14 IR Led, Φ8, 850nm	40 IR Led, Φ5, 850nm
IR Distance	20m	30m	40m
IP Rating	IP 66	IP 67	IP 66
S/N Ratio		> 50 dB	
Video Output		HD-SDI Output (SMPTE 292M)	
Power Supply		12V DC	
Consumption	600mA	1000mA	1000mA
Dimensions	164(D)x121.5mm(H)	297(L)x101(W)x143.3mm(H)	166(L)x83(W)x83mm(H)
Weight	1.9Kg	1.85Kg	1.3Kg

* Cable management bracket

For more information refer to page 35

CubisIP

Advanced IP Video Management

- Supports large range of IP Cameras
- Up to 10MP resolution IP Cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Supports Video Analytics

IP

ONVIF

Based on the technology of CubisAIS, **CubisIP** is a solution for recording IP cameras. Supports Video Analytics and also a large range of IP cameras using OnVif protocol.

Technical Specifications	CBIP-4	CBIP-8	CBIP-16	CBIP-24	CBIP-32	CBIP-64
ORDERING CODE	2042004	2042006	2042008	2042010	2042012	2042014
IP Cameras	4	8	16	24	32	64
Record Resolution	QCIF, CIF, 2CIF, 4CIF, QVGA, VGA, D1, 1.3MP, 3MP, 5MP, 10MP					
Maximum number of HDDs	5x3.5" (without DVD 6x3.5")					
POS / ATM License (max)	1	1	1	2	2	2
Integration with Access Control (max)	2(256)					
Cubis NX Remote Software	Free					
Connection with CubisCENTRAL	Free					
Power Supply	220V AC					
Dimensions	423(L)x423(W)x161mm(H)					
Weight	13.5Kg					

HDD is not incuded. For prices please contact us.

EXTRA

	ORDERING CODE
Rack Brackets (Black)	7012020
Rack Brackets (Silver)	7012021

	ORDERING CODE
Storage License 1~2TB	036
Storage License 2~2.5TB	039
Storage License ≥2.5TB	037
Storage License up to 500GB	Free

- Allows the Central Stations to receive video alarms from all Cubis systems
- Reduces the costs associated with monitoring
- Keeping common operator actions simple and even automated

Sophisticated Centralized Video Management System

CubisCENTRAL

Standalone DVR

Cubis Mini

CubisNX

CubisNX-D1

CubisNX-MP

CubisNX Mobile

CubisAIS

CubisIP

IP CAMERAS

ACCESS CONTROL

Our **CubisCENTRAL** Monitoring Software is a sophisticated centralized video management system with a pioneering user-friendly GUI. It allows the Central Stations to receive video alarms from all Cubis systems and also from TVT DVR and IP cameras. Also it offers a variety of services to their clients (remote video alarm storage) and at the same time it reduces the costs associated with monitoring by keeping common operator actions simple and automated.

In collaboration with Cubitech Software

CubisSDSB-04 HDMI
ORDERING CODE: 1410051

- Very Fast transmission (Compression Algorithm H.264) up to 25Fps per channel.
- Control of PTZ cameras, 4 audio inputs one output for playback.
- USB (2.0) port, Remote Control, mouse.
- With HDMI port for connecting to TV or Monitor.
- Linux O/S.

CubisSDSB-08 HDMI
ORDERING CODE: 1412021

CubisSDSB-16 HDMI
ORDERING CODE: 1414036

Mobile client for iOS (iPhone, iPad), Android, Blackberry, Symbian or Windows Mobile.

Technical Specifications	CubisSDSB-04 HDMI	CubisSDSB-08 HDMI	CubisSDSB-16 HDMI
Video / Audio Inputs	4 / 4	8 / 4	16 / 4
Video / Audio Outputs	1xBNC, 1xSpot, 1xVGA, 1xHDMI / 1		
Recording Speed D1 or 4CIF	100fps	100fps	100fps
Recording Speed CIF	100fps	200fps	400fps
Recording Type	Manual, Time Shecdule, Motion Detection		
Video Display	4ch	8ch	16ch
Search Type	Time, Event, Search in File		
Alarm In/Out	4 / 1ch		
HDD	1x SATA (max 2TB)		
LAN / Transmission	10/100Mbps / multiple streams		
Power Supply / Consumption	12V DC / 15W	12V DC / 20W	12V DC / 25W
Dimensions	300(L)x260(W)x58mm(H)		
Weight	2Kg		

In collaboration with Cubitech Software

- Supports cameras with resolution of 960H
- Very Fast transmission (Compression Algorithm H.264) up to 25Fps per channel.
- With HDMI port for connecting to TV or Monitor.
- Control of PTZ cameras, 4 audio inputs one output for playback.
- USB (2.0) port, Remote Control, mouse.
- 1.000Mbps LAN port.

TD2508HE-C HDMI

ORDERING CODE: 1412025

TD2516HE-C HDMI

ORDERING CODE: 1414038

Mobile client for iOS (iPhone, iPad), Android, Blackberry, Symbian or Windows Mobile.

Technical Specifications	TD2508HE-C HDMI	TD2516HE-C HDMI
Video / Audio Inputs	8 / 4	16 / 4
Video / Audio Outputs	1xBNC, 1xSpot, 1xVGA, 1xHDMI / 1	
Recording Speed D1 or 4CIF	200fps	400fps
Recording Speed CIF	200fps	400fps
Recording Type	Manual, Time Shecdule, Motion Detection	
Video Display	8ch	16ch
Search Type	Time, Event, Search in File, Snapshot	
Alarm In/Out	8 / 1	16 / 1
HDD	2x SATA	3x SATA
LAN / Transmission	10/100/1000Mbps / multiple stream	
Power Supply / Consumption	12V DC / 20W	12V DC / 25W
Dimensions	430(L)x400(W)x55mm(H)	
Weight	6Kg	

In collaboration with Cubitech Software

CubisSXL-04
ORDERING CODE: 1430002

SDI Standalone

- 4ch HD-SDI
- 1080p Recording Resolution
- 1080p Display Resolution (VGA, HDMI)
- H.264 Compression
- RS-485 x2 (for PTZ Control)
- 1Gbps Ethernet port
- 4x D I/O

Technical Specifications	CubisSXL-04
Video / Audio Channels	4xSDI / 4xRCA
Monitor Outputs	1xBNC, 1xVGA (1080P), 1xHDMI(1080P) / 1xRCA
Recording Type	Manual, Time Shecdule, Motion Detection
Alarm In/Out	4 / 4
HDD	SATAx2 (Max 3TB)
Compression Format	H.264 High Profile
Two way talk	support, separate 1 audio channel
Display / Record Resolution	1080P / 1080P
Display / Record Frame Rate	100fps / 25fps
Playback	4ch
Triplex/Pentaplex	Pentaplex
Remote Access	IE/Safari/Smart phone/CMS
Control Interface	Mouse, Front panel, Remote control, Keyboard(optional)
Power Supply	12V DC
Dimensions	430(L)x300(W)x55mm(H)

Mobile client for iOS (iPhone, iPad), Android, Blackberry, Symbian or Windows Mobile.

*DVD available after request

ORDERING CODE: 7026002

Select SDI Megapixel Cameras

CB-DHD3516IR-2.1
ORDERING CODE: 1032008

2.1MP

CB-BHD560IR-2.1
ORDERING CODE: 1031004

2.1MP

CB-90MP-2.1
ORDERING CODE: 1031020

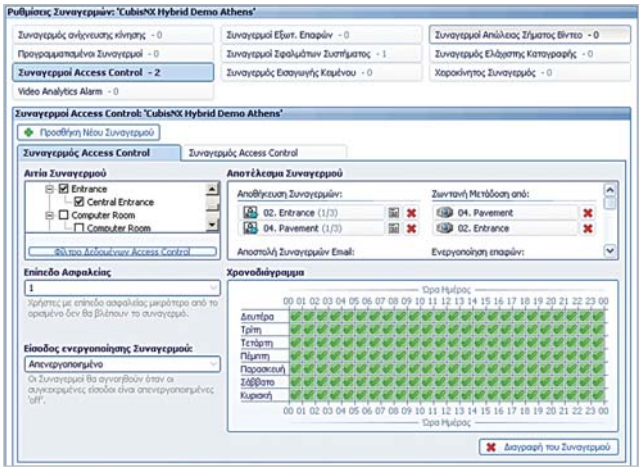
2.1MP

For more information refer to page 35

The Ultimate Integration!

Cubis + Access Control

- Send video alarm footage to CubisCENTRAL
- Optical identification of access with the according video footage
- E-mail and photo send in case of specific card use



Alarm creation senario per door and with the option to filter by user or event.

The monitoring screen in which created alarms are displayed during access control integration with CubisNX.

The integration option of CubisNX with access control establishes an innovation at the control and identification of persons during the access in protected areas.

With the use of CubisNX and the alarm creating from the access control events, we receive specific access information and optical identification of the card holder with the according footage or photo from the camera.

By setting up an access card as blocked for a specific area the result will be the creation of an alarm and the access denial.

ICR
Optical filter which is in front of the CCD sensor and isolates the IR Light during day for better color reproduction.

IR LED
A light-emitting diode (LED) is a semiconductor device that emits IR light which is not visible to human eye. It is commonly used in CCTV since it allows to capture high quality images during night.

OSD MENU
There is the ability to change the camera settings by using electronic menu which is displayed at the video.

VANDAL-PROOF
Special design cameras for increased resistance to hits and vandalism.

WDR
Provides clear images especially in cases where too much light alternates or there is direct light in front of the camera.

HSBLC
Allows license plate recognition during night reception.

WHITE BALANCE
Auto setup of white shade depending by the type of the camera installation (in-door - outdoor)

EXTERNAL CONTROL
Easy external control of the lens for zoom and focus.

HLC
It recognises highlight sources (i.e. car lights) and isolates them so that will allow the camera to have better quality images.

2D-NR
Digital filter for eliminating image noise during night.

SENS UP
Digital enhancement of brightness during low light condition.

BLOWER
Includes blower into the casing of the camera that cools the electronics compo-nents in case of high external temperature.

HEATER
Includes heater that prevents the camera from freezing in case of low external temperature.

ATR (Adaptive Tone Reproduction)
Option in cameras for improving brightness and contrast in cases of low or high light conditions.

SMPTE 292M
The standard for digital and uncompressed image transmission (SDI Cameras) over coaxial cable for high quality images.

H.264
Transmission protocol for IP Cameras.

960H
A new standard for security cameras and security DVR's that provides high resolution images using advanced image sensors. Security cameras capable of 960H produce an image that is 960 horizontal and 480 vertical pixels large (960x480).

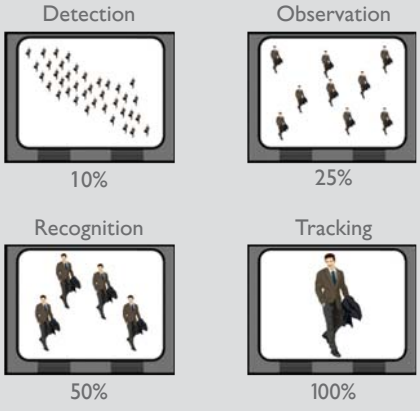
Illumination Chart

Brightness										
LUX	100K	10K	1000	100	10	4	0.1	0.01	0.001	0.0001
	Sunshine	Day	Cloudy Day	Rainy Day	Sunset	Twilight	Fullmoon	1/4 Moon	Starry Night	Cloudy Night
Suggested Camera	Standard type						Day & Night or IR			

Optical Angle Lenses Chart

Lens	Angle of view CCD 1/3″	Angle of view CCD 1/4″	Identification at... CCD 1/3″	Identification at... CCD 1/4″
2.8mm	94°	63°	2.5m	3.6m
3.6mm	70°	54°	3.4m	4.6m
6mm	45°	33°	5.7m	7.7m
8mm	33°	26°	7.6m	10.3m
12mm	23°	17°	11.3m	15.4m
16mm	17°	13°	15.1m	20.5m
25mm	11°	8°	23.6m	32.1m
35mm	8°	6°	33.1m	44.9m
50mm	6°	4°	47.2m	64.2m
75mm	4°	3°	70.8m	96.2m
85mm	3°	2°	80.3m	109.1m

Identification Item Chart



Bullet Fixed Lens

3 YEAR WARRANTY Cubitech

CB-BA6036F
ORDERING CODE: 1014070

600TVL

True D/N

ICR IR

CB-BA7036F
ORDERING CODE: 1014060

700TVL

OSD

True D/N

960H

IR OSD DNR ATR 960H

Bullet Varifocal

CB-BA6040V
ORDERING CODE: 1015053

600TVL

4 ~ 9mm

True D/N

Possibility extension arm.

ICR IR EXTERNAL CONTROL

CB-BA7028V
ORDERING CODE: 1015060

700TVL

OSD

2.8 ~ 12mm

960H

Possibility extension arm.

ICR IR OSD EXTERNAL CONTROL DNR ATR 960H

Technical Specifications	CB-BA6036F	CB-BA7036F	CB-BA6040V	CB-BA7028V
Image Sensor	1/3″ HDIS CMOS	1/3″ Sony Exview HAD II	1/3″ HDIS CMOS	1/3″ Sony Exview HAD II
Horizontal resolution	600TVL	700TVL	600TVL	700TVL
Lens	3.6mm	3.6mm	4 ~ 9mm	2.8 ~ 12mm
Minimum illumination	0 Lux IR-LED ON			
IR Led	24 IR Led, Φ5, 850nm	24 IR Led, Φ5, 850nm	30 IR Led, Φ8, 850nm	30 IR Led, Φ8, 850nm
IR Distance	15m	15m	30m	30m
IP Rating	IP 67			
S/N Ratio	> 48 dB	> 54 dB	> 48 dB	> 54 dB
Video Output	1.0V p-p, 75 Ohm BNC			
Power supply	12V DC			
Consumption	250mA	250mA	500mA	500mA
Dimensions	145(L)x58(W)x73mm(H)	145(L)x58(W)x73mm(H)	245(L)x98(W)x140mm(H)	245(L)x98(W)x140mm(H)
Weight	250g	250g	960g	960g
Cable management bracket				

Bullet Varifocal

CB-BA7028VH

ORDERING CODE: 1016048

700TVL

OSD

72 IR LED

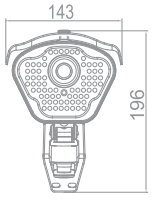
HEATER

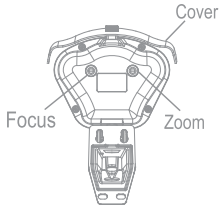
960H

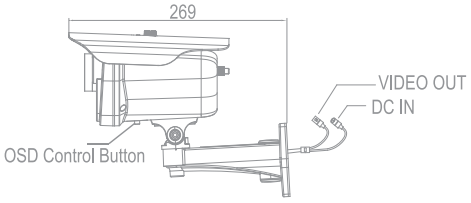
Possibility extension arm.

True Day / Night with 700TVL, lens 2,8 ~ 12mm, IR for 60 meters and OSD menu.

Technical Specifications	CB-BA7028VH
Image Sensor	1/3" Sony Exview
Horizontal resolution	700TVL
Lens	2.8 ~ 12mm
Minimum illumination	0 Lux IR-LED ON
IR Led	72 IR Led, Φ5, 850nm
IR Distance	60m
IP Rating	IP 67
S/N Ratio	> 60 dB
Video Output	1.0V p-p, 75 Ohm BNC
Power supply	12V DC
Consumption	1500mA
Dimensions	257(L)x127(W)x196(H)mm
Weight	960g
Cable management bracket	







Dome Fixed Lens

3 YEAR WARRANTY Cubitech

CB-DA6036FP
ORDERING CODE:
1022040

Plastic
600TVL

ICR IR

CB-DA6028F
ORDERING CODE:
1022041

600TVL
2.8mm

ICR IR

CB-DA7028F
ORDERING CODE:
1022042

700TVL
OSD
960H

IR OSD HLC DNR ATR 960H

Dome Varifocal

CB-DA6028V
ORDERING CODE: 1023008

600TVL
2.8 ~ 12mm

ICR IR EXTERNAL CONTROL

CB-DA7028V
ORDERING CODE: 1024034

700TVL
2.8 ~ 12mm
OSD
960H

ICR IR OSD EXTERNAL CONTROL HLC 960H

Technical Specifications	CB-DA6036FP	CB-DA6028F	CB-DA7028F	CB-DA6028V	CB-DA7028V
Image Sensor	1/3″ HDIS CMOS	1/3″ HDIS CMOS	1/3″ Sony Exview HAD II	1/3″ HDIS CMOS	1/3″ Sony Exview HAD II
Horizontal resolution	600TVL	600TVL	700TVL	600TVL	700TVL
Lens	3.6mm	2.8mm	2.8mm	2.8 ~ 12mm	2.8 ~ 12mm
Minimum illumination	0 Lux IR on				
IR Led	8 IR Led, Φ8, 850nm	24 IR Led, Φ5, 850nm	24 IR Led, Φ5, 850nm	12 IR Led, Φ8, 850nm	12 IR Led, Φ8, 850nm
IR Distance	15m	15m	15m	30m	30m
IP Rating	-	IP 67	IP 67	IP 67	IP 67
S/N Ratio	> 48 dB	> 48 dB	> 54 dB	> 48 dB	> 54 dB
Video Output	1.0V p-p, 75 Ohm BNC				
Power supply	12V DC				
Consumption	250mA				
Dimensions	95(D)x75mm(H)	93(D)x75.5mm(H)	93(D)x75.5mm(H)	119(D)x83.66mm(H)	119(D)x83.66mm(H)
Weight	325g	410g	410g	750g	750g

Bullet Varifocal

CBW-63R20
ORDERING CODE: 1015037

600TVL

2.8 ~ 12mm

ICR IR OSD EXTERNAL CONTROL HLC DNR SENS UP 2 ~ 256

True Day / Night with 600/700TVL, lens 2,8 ~ 12mm, IR for 20 meters. OSD menu and Sens Up.

CB90
ORDERING CODE: 1015027

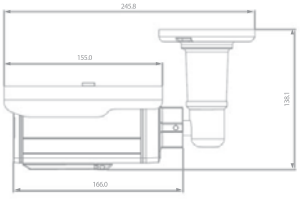
600TVL

2.8 ~ 12mm

HLC

ICR IR OSD HLC DNR SENS UP 2 ~ 512

True Day / Night with Winner5 CCD, 600/700TVL, 2,8 ~ 12mm lens and IR for 40 meters. OSD menu and Sens Up.



Technical Specifications	CBW-63R20	CB90
Image Sensor	1/3″ Sony Super HAD II CCD	1/3″ Sony Super HAD II CCD (Winner 5)
Horizontal resolution	600TVL (Color), 700TVL (B/W)	
Lens	2.8 ~ 12mm	2.8 ~ 12mm, Auto-Iris
Minimum illumination	0.01Lux (Sens up)	0.00003Lux (Sens up)
IR Led	20 IR Led, Φ5, 850nm	40 IR Led, Φ5, 850nm
IR Distance	15 ~ 20m	40m
IP Rating	IP 66	
S/N Ratio	> 50 dB	> 52 dB
Video Output	1.0V p-p, 75 Ohm Composite	
Power supply	12V DC	
Consumption	280mA	1500mA
Dimensions	124(L)x80.8(H)x83.5mm(D)	116(L)x83(W)x83mm(H)
Weight	450g	1.68Kg
Cable management bracket		

Bullet Varifocal

CB-BDN200HB

ORDERING CODE: 1015029

600TVL

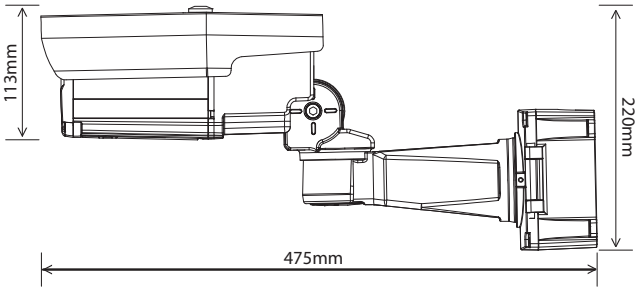
OSD

100 IR LED

HEATER

BLOWER

Includes the junction box



True Day / Night camera with Winner5 CCD, 600/700TVL, 3,5 ~ 16mm lens and IR for 100 meters. OSD menu, Sens Up, heater, blower and Cable management bracket. Includes the junction box.

Easy set up the lens.

Built-in heater and blower.

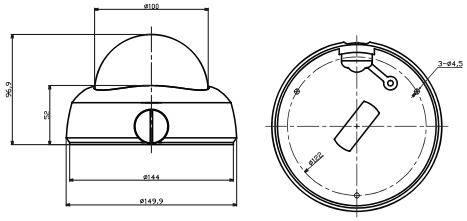
Technical Specifications	CB-BDN200HB
Image Sensor	1/3″ Sony Super HAD II CCD (Winner5)
Horizontal resolution	600TVL (Color), 700TVL (B/W)
Lens	3.5 ~ 16mm, Auto-Iris
Minimum illumination	0.00003Lux (Sens up)
IR Led	100 IR Led, Φ5, 850nm
IR Distance	100m
IP Rating	IP 66
S/N Ratio	> 52 dB
Video Output	1.0V p-p, 75 Ohm Composite
Power supply	12V DC
Consumption	1.500mA
Dimensions	240(L)x140(W)x113mm(H)
Weight	4.5Kg
Cable management bracket	

Dome Varifocal

CB-DDNAI90
ORDERING CODE: 1023004

2.8 ~ 12mm
Anti-Vandal

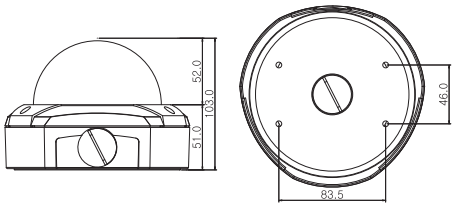
ICR IR OSD HLC DNR SENS UP



CB-DDNAI100
ORDERING CODE: 1023002

2.8 ~ 12mm
Anti-Vandal
Smoke Bubble

ICR IR OSD HLC DNR SENS UP



Cameras with Winner5 CCD, 600/700TVL, lens 2.8 ~ 12mm, IR for 35 meters and Sens Up. DDNA100 has smoke bubble.

DOME CB-BR002
ORDERING CODE: 1040033

Wall mount aluminum bracket for CB-DDNAI90.

DOME CB-BR001
ORDERING CODE: 1040032

Wall mount aluminum bracket for CB-DDNAI100.

Technical Specifications	CB-DDNAI90	CB-DDNAI100
Image Sensor	1/3" Sony Super HAD II CCD (Winner 5)	
Horizontal resolution	600TVL (Color), 700TVL (B/W)	
Lens	2.8 ~ 12mm, Auto-Iris	
Minimum illumination	0.00003Lux (Sens up)	
IR Led	30 IR Led, Φ5, 850nm	36 IR Led, Φ5, 850nm
IR Distance	30m	40m
IP Rating	IP 66	
S/N Ratio	> 52dB	
Video Output	1.0V p-p, 75 Ohm Composite	
Power supply	12V DC	
Consumption	1000mA	
Dimensions	100(D)x103mm(H)	
Weight	1.23Kg	1.26Kg

CB-BXDN90
ORDERING CODE: 1028022

600TVL

True D/N

0.0001Lux

SSNR3 (Super Noise Reduction)

OSD DNR SENS UP 2 ~ 512

CB-BXDN100
ORDERING CODE: 1028020

600TVL

True D/N

0.00003Lux

SDNR3 (Super Digital Noise Reduction)

ICR OSD SENS UP 2 ~ 512 DNR

Technical Specifications	CB-BXDN90	CB-BXDN100
Image Sensor	1/3″ Sony Super HAD II CCD	1/3″ Sony Super HAD II CCD (Winner 5)
Horizontal resolution	600TVL	600TVL (Color), 700TVL (B/W)
Digital zoom	1 ~ 16x	
Minimum illumination	0.0001 (B/W), Auto-Iris	0.00003 (B/W), Auto-Iris
S/N Ratio	> 52 dB	
Video Output	1.0V p-p, 75 Ohm Composite	
Power supply	12V DC	
Consumption	150mA	
Dimensions	120(L)x60(W)x55mm(H)	
Weight	400g	390g

* Doesn't incude lens and installation bracket.

LNS2812IR
ORDERING CODE: 1226006

LNS0660
ORDERING CODE: 1222010

	LNS2812IR	LNS0660
CCD	1/4″, F 1.4	1/3″, F 1.4
Focal Length	2.8 ~ 12mm	6 ~ 60mm
Angle of View	93.95° ~ 28.07°	53.13° ~ 5.72°
Mount Type /Operation	CS, DC Auto-Iris	
IR Corrected	Yes	No
Dimensions	45.6(D)x47(H)x71.6mm(L)	44(D)x43.8(H)x75.9mm(L)

BRK60
ORDERING CODE: 1215002

Bracket with cable management for Body cameras.

CB-CA7037F
ORDERING CODE: 1030042

700TVL

OSD

960H

Radar type covert camera 700TVL.

960H

SWANCAMCOL
ORDERING CODE: 1030033

420TVL

PIR

Covert camera with PIR and microphone,
Pet immunity capable.

GC3STAT
ORDERING CODE: 1030036

Covert camera with built-in thermostat.

EFU-6036PO
ORDERING CODE: 1048020

700TVL

OSD

Ceiling mounted spot camera.

Technical Specifications	CB-CA7037F	SWANCAMCOL	GC3STAT	EFU-6036PO
Image Sensor	1/3" HDIS CMOS	1/3" Sony CCD	1/3" Sony Super HAD	1/3" Sony Exview
Horizontal resolution	700TVL	420TVL	380TVL	700TVL (Color)
Lens	3.7mm pinhole	4mm pinhole	3.6mm pinhole	3.6mm
Minimum illumination	0.1Lux/F2.0	0.5Lux	0.5Lux	0.01Lux
IP Rating	-	-	-	IP 65
S/N Ratio	> 48 dB	> 48 dB	> 45 dB	> 54 dB
Video Output	1.0V p-p, 75 Ohm Composite			
Power supply	12V DC	12V - 16V DC	12V DC	12V DC
Consumption	150mA	100mA	100mA	150mA
Dimensions (L)x(W)x(H)	104x55.8x56mm	38x65x123mm	73x73x28mm	98(D)x60mm(H)
Weight	110g	135g	80g	300g

SDI DVR

CubisSXL-04

ORDERING CODE: 1430002

SDI

- 4ch HD-SDI
- 1080p Recording Resolution
- 1080p Display Resolution (VGA, HDMI)
- H.264 Compression
- RS-485 x2 (for PTZ Control)
- 1Gbps Ethernet port
- 4x D I/O

For more information refer to page 22

CubisNX-MP

ORDERING CODE: 2032004

SDI

- 2ch, 4ch and 8ch camera systems
- Up to 25fps in each channel at 720p
- Digital zoom on live and recorded video footage
- Mater/Slave Architecture for designing installations with high number of cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Integration with Access Control
- Integration with POS

For more information refer to page 14

CubisAIS

ORDERING CODE: 2040004

ANALOG IP SDI

- Support of Analog, IP and SDI cameras in one system
- Up to 32ch full D1 Analogue, 16 IP and 4 SDI cameras
- Multiple TV-outs are possible for use in Control Rooms
- Easily integrated with CubisCENTRAL centralized monitoring software
- Supports Video Analytics

For more information refer to page 16

SDI Accessories

SDI Repeater

ORDERING CODE: 3228026

Transponder distance SDI signals up to 120 meters using RG-59 cable. Included Power supply 6V ~ 12V.

SDI to HDMI

ORDERING CODE: 3228022

Signal Converter SDI to HDMI. Capable of operating from a separate input 2 SDI outputs SDI. Included Power supply 6V ~ 12V.

SDI to VGA

ORDERING CODE: 3228024

SDI Converter to VGA. Capable of operating from a separate entrance to 2 SDI outputs SDI. Included Power supply 6V ~ 12V.

SDI Multiplexer

ORDERING CODE: 3228020

Multiplexer 4 SDI cameras with 1chHDMI (v1.3) output, 1chD-Sub and 2chSDI. Included Power supply 6V ~ 12V.

SDI Cameras

CB-DS2128V
ORDERING CODE: 1039001

2.1MP
True D/N

ICR OSD HLC DNR SMPTE 292M

CB-DS2128VR
ORDERING CODE: 1041001

2.1MP
18 IR LED

ICR IR OSD HLC DNR SMPTE 292M

CB-BS2136F
ORDERING CODE: 1031030

2.1MP
36 IR LED

ICR IR OSD HLC DNR SMPTE 292M

CB-BS2128V
ORDERING CODE: 1035010

2.1MP
2.8 ~ 12mm
60 IR LED

ICR IR OSD EXTERNAL CONTROL HLC DNR SMPTE 292M

Τεχνικά Χαρακτηριστικά	CB-DS2128V	CB-DS2128VR	CB-BS2136F	CB-BS2128V
Image Sensor	1/3" Panasonic CMOS(2.1Mega)			
Horizontal resolution	2010(H)x1108 (V)			
Lens	2.8 ~ 12mm	2.8 ~ 12mm	3.6mm	2.8 ~ 12mm
Minimum illumination	0.02lux/F1.4	0 Lux(IR ON)	0 Lux(IR ON)	0 Lux(IR ON)
IR LED	-	18IR LED, Φ5	36IR LED, Φ5	60IR LED, Φ5
IR Distance	-	10-15m	20-30m	40-50m
IP Rating	-	-	IP66	IP66
S/N Ratio	> 50 dB			
Video Output	SDI digital signal / 1.0V p-p, 75 Ohm Composite			
Power supply	12V DC			
Consumption	5W	6W	6W	6W
Dimensions	133(D)x96mm(H)	133(D)x140mm(H)	99.7(W)x95.5(H)x212(L)mm	121.18(W)x89.82(H)x253.10(L)mm

Cable management bracket for models bullet cameras

IP DVR

CubisIP Mini

ORDERING CODE: 2043002

IP

For more information refer to page 11

- Supports a wide range of IP cameras
- Various resolutions up to 5MP
- Supports Video Analytics
- Supports Dual / Triple stream cameras
- Small case factor

CubisIP

ORDERING CODE: 2042004

IP SDI

For more information refer to page 18

- Supports a wide range of IP Cameras
- Up to 10MP IP Cameras
- Easily integrated with CubisCENTRAL centralized monitoring software
- Supports Video Analytics

IP Accessories

CBIP01
ORDERING CODE: 3214018

Network Inverter 802.3 10 BaseT in coaxial cable. Maximum transmission distance 200 meters.

CBIP03
ORDERING CODE: 3214012

Expansion device network distance up to 1200 meters. It supports 10/100 BaseT. Requires external power supply.

CBSR01
ORDERING CODE: 3214009

Network Transponder up to 120 meters. Supports speeds 10/100/1000 BaseT. Requires external power supply.

POE SWITCH
ORDERING CODE: 3012040

8-port Unmanaged PoE Switch 60W Energy Efficient.

IP Cameras Fixed Lens

CB-DI1336F
ORDERING CODE: 1123020

1.3MP

1 IR LED Super Flux

Two Way Audio

CB-BI1340F
ORDERING CODE: 1115020

1.3MP

4mm

8 + 2 Array IR LED

Two Way Audio

IP Cameras Varifocal

CB-BI2028V
ORDERING CODE: 1117020

2MP

2.8 ~ 12mm

Two Way Audio

- Dome IP camera indoor or outdoor with 3.6mm fixed lens and IR.
- Bullet IP camera indoor or outdoor fixed 4mm lens and IR.
- Bullet IP camera indoor or outdoor with Varifocal 2.8 ~ 12mm lens and IR.

Technical Specifications	CB-DI1336F	CB-BI1340F	CB-BI2028V
Image Sensor	1.3MP CMOS Sensor	1.3MP CMOS Sensor	2.2MP Sony CMOS Sensor
Horizontal resolution	1280x960	1280x960	1920x1080
Lens	3.6mm	4mm	2.8 ~ 12mm
Video Compression	H.264 / Multiple Stream		
Onvif	Yes		
Minimum illumination	0.05Lux/F1.2(color), 0Lux IR LED ON B&W	0Lux IR LED ON / F1.2	0.01Lux/F1.2(color), 0Lux(IR LED on)/F1.2
IR Led	1 IR LED Super Flux	8 IR and 2 Array IR	14 IR and 3 Array IR
IR Distance	10m	20m	30m
IP Rating	IP 66		
Alarm In/Out	-	1 / 1	1 / 1
Video Output	1.0V p-p, 75 Ohm Composite		
Network	RJ-45 10/100Base-T		
Network Functions	DHCP, DNS Client, PPPoE, DDNS		
Local Recording	Yes to SD card (32GB max)		
Power supply	12V DC / POE		
Consumption	5W(IR LED OFF), 7W (IR LED ON)	5W(IR LED OFF), 11W (IR LED ON)	5W(IR LED OFF), 12W (IR LED ON)
Dimensions	100(D)mmx53(H)mm	264.5(L)x82.5(W)x80(H)mm	210(L)x120(W)x100(H)mm
Weight	300g	778g	1.8Kg

Cable management bracket for models CB-BI1340F and CB-BI2128V

TS-12
ORDERING CODE: 1036056

12x

Indoor

PTZ with 12x optical zoom, Weather Proof.

- Preset driven by optical sensor
- Smooth Rotation and low noise by bearing system
- Vandal-Proof
- 20 million rotation Test-Pass Slip Ring
- Easy Installation

Technical Specifications	TS-12
Image Sensor	1/4" Sony Super HAD CCD
Horizontal resolution	580TVL
Lens	3.94 ~ 46.05mm
Optical Zoom	12x
Digital Zoom	192x
Minimum illumination	0.04Lux (B/W) ICR on
IP Rating	IP66
S/N Ratio	> 52 dB
Video Output	1.0V p-p, 75 Ohm Composite
Power supply	12V DC
Consumption	800mA
Dimensions	157(D)x157.5mm(H)
Weight	2.7Kg

Installation Bracket is not included

CONTROLLER PTZKB3R
MODEL NUMBER: 1042005

3D PTZ camera controller, with LCD, preset, auto cruise, speed control. RS-485 port. Power Supply 12V DC, Consumption 500mA.
Dimensions 365(L)x152(W)x55mm(H), Weight 1.15Kg

TB-101M
ORDERING CODE: 1040016

Embedded mount bracket for TS-12. Suitable for plasterboard.

TB-109
ORDERING CODE: 1040010

Pole mount adaptor for all cameras.
For model TS-12 requires TB104 or TB106 adaptor.

TB-305
ORDERING CODE: 1040064

Wall mount bracket kits for indoor cameras.

TB-110
ORDERING CODE: 1040006

Adaptor for model TS-12.

TS-2721
ORDERING CODE: 1036020

27x
Outdoor
Anti-Vandal
HEATER
BLOWER

PTZ camera 27x optical zoom, Weather Proof.

- Ultimate Silent Mechanism
- Vandal and fire-proof Cover
- Preset Accuracy 0.024°
- Power Protection in RS-485 Port
- Japan manufactured Mechanism

CONTROLLER PTZKB3R
MODEL NUMBER: 1042005

3D PTZ camera controller, with LCD, preset, auto cruise, speed control. RS-485 port. Power Supply 12V DC, Consumption 500mA.
Dimensions 365(L)x152(W)x55mm(H), Weight 1.15Kg

Technical Specifications	TS-2721
Image Sensor	1/4″ Interline Transfer CCD
Horizontal resolution	580TVL
Lens	3.5 ~ 95mm
Optical Zoom	27x
Digital Zoom	432x
Minimum illumination	0.02Lux (B/W) ICR on
IP Rating	IP 66
S/N Ratio	> 50dB
Video Output	1.0V p-p, 75 Ohm Composite
Power supply	24V AC
Consumption	1.500mA
Dimensions	253(D)x288mm(H)
Weight	2.7Kg
Cable management bracket	

TB-307
ORDERING CODE: 1040072

Junction Box Kits, Including PCB. Combined with TB-301, TB-302, TB-304 and TB-305.

TB-308
ORDERING CODE: 1040070

Junction Box Only (W/O PCB). Combined with TB-301, TB-302, TB-304 and TB-305.

TB-310
ORDERING CODE: 1040068

Corner mount adaptor for all cameras and for TB-302, TB-305, TB-307 and TB-308.

TB-309
ORDERING CODE: 1040066

Pole mount adaptor for all cameras and for TB-302, TB-305, TB-307 and TB-308.

TNS-2721P / TNS-3721P

ORDERING CODE: 1036022 / 1036024

- Cover for outdoor use
- Super Clear Dome
- External Firmware Upgrade (RS-485)
- Built-in Power-line Surge Protection
- Tracking precision and preset 0.009º

27x / 37x

Outdoor

HEATER

BLOWER

27x and 37x optical zoom, Weather Proof.

CONTROLLER PTZKB3R

MODEL NUMBER: 1042005

3D PTZ camera controller, with LCD, preset, auto cruise, speed control. RS-485 port. Power Supply 12V DC, Consumption 500mA.
Dimensions 365(L)x152(W)x55mm(H), Weight 1.15Kg

Technical Specifications	TNS-2721P	TNS-3721P
Image Sensor	1/4″ Interline Transfer CCD	
Horizontal resolution	580TVL	
Lens	variable 3.5 ~ 95mm	variable 3.5 ~ 129.5mm
Optical Zoom	27x	37x
Digital Zoom	432x	592x
Minimum illumination	0.02Lux (B/W) ICR on	
IP Rating	IP 66	
S/N Ratio	> 50dB	
Video Output	1.0V p-p, 75 Ohm Composite	
Power supply	24V AC	
Consumption	1.500mA	
Dimensions	203(D)x217.9mm(H)	253(D)x288mm(H)
Weight	2.7Kg	
Cable management bracket		

TB-104

ORDERING CODE: 1040007

Wall Mount Bracket

TB-105

ORDERING CODE: 1040008

Dropped Ceiling Mount Bracket for TS.
For TS-12 requires TB110 adaptor, for TNS requires TB306N adaptor.

TB-106

ORDERING CODE: 1040005

Goose Neck Mount Bracket for TS.
For TS-12 requires TB110 adaptor, for TNS requires TB306N adaptor.

TB-107

ORDERING CODE: 1040009

Corner Mount Adaptor for TS and TS IR.
For TS-12 requires TB104 adaptor.

TB-306
ORDERING CODE: 1040065

Adaptor for all PTZ cameras.

TB-306N
ORDERING CODE: 1040067

Adaptor for TS-12 and TNS.

TB102
ORDERING CODE: 1040021

Adaptor for TS models.

TB-301
ORDERING CODE: 1040060

Ceiling mount bracket kits for indoor TS including TB-303.

TB-302
ORDERING CODE: 1040062

Wall mount bracket kits for indoor TS including TB-303.

TB-303
ORDERING CODE: 1040063

Adaptor for TS models.

SW12V5A
ORDERING CODE: 3226014

12V DC 5A Switching Power Supply suitable for TS12.

TB-PA24AC
ORDERING CODE: 3226028

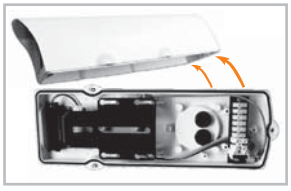
24V AC 2,5A transformer, suitable for TS and TNS.

ISC-1212-I
ORDERING CODE: 3228007

Signal amplifier RS-485 for PTZ cameras.

TPH-2000 - 4000

ORDERING CODE: 1210020 - 1210022



Opening from above.

Opening from side.

Technical Specifications	TPH-2000	TPH-4000
Type	External Housing	
Construction Material	Aluminium	
Heater	YES	
IP Rating	IP 67	
Power Supply	12V DC	
Consumption	1.120mA	
Bracket	Included	
Opening	Above	Side
Dimensions	127(L)x124(H)x390mm(W)	130(L)x125(H)x405mm(W)
Weight	1.9Kg	1.95Kg
Cable management bracket		

Alouminium housing with heater for hosting body cameras with different type of opening.

HOUSING POLE MOUNT BR/20

ORDERING CODE: 1212004

Pole Mount Adapter Kit for TPH Housings, Fits Poles 67-127mm or 83~178mm and/or

HOUSING CEILING MOUNT BRACKET BR/22

ORDERING CODE: 1212008

Ceiling mount Bracket for TPH Housings.

Video Encoders

- Video Encoders for converting analog to IP cameras
- Supporting Video analytics

Technical Specifications

	NVC1000 ORDERING CODE: 1301001	NVC4000 ORDERING CODE: 1301003	NVC4000-R12/40 ORDERING CODE: 1301009/011	NVS102 ORDERING CODE: 1301004
Video / Audio Inputs	1 / 1	4 / 4	4 / 2	1 / 1
Video / Audio Outputs	1 / 1	1 / 4	- / 1	1 / 1
Compression Format	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264	H.264, MJPEG
Compression FPS	1ch / 25fps@D1	4ch / 100fps@D1	4ch / 100fps@D1	1ch / 25fps@D1
Video Analytics	YES	YES	YES	NO
Digital In / Out	2 / 2	4 / 4	4 / 2	1 / 1
Power Supply* / Consumption	12V DC* / 240mA	12V DC* / 1100mA	-	12V DC / 400mA
Dimensions	103(W)x38(H)x141mm(D)	137(W)x38(H)x189mm(D)	241(W)x125mm(H)	347(W)x124(H)x140mm(D)
Weight	385g	780g	370g	1.2Kg

*Included

Technical Specifications

	CB-ENK12VA 19″ 1U RACK ORDERING CODE: 1301005	CB-ENK40VA 19″ 4U RACK ORDERING CODE: 1301007
Available Slots	3 (Hot Swap)	10 (Hot Swap)
Power Supply	85~264V AC	90~264V AC
Consumption	55W (max)	140W (max)
Dimensions	482(W)x44(H)x286mm(D)	482(W)x177(H)x325mm(D)
Weight	1.8Kg	6.9Kg

Video Analytics Software Licenses

Video Analytics Software Licenses for use with NVC1000, NVC4000 and NVC4000-R12 Encoders. The Licenses include functions like presence and people detection, abandonded and removed object and even PTZ auto tracking.

Technical Specifications

	VCSURVEILLANCE ORDER. CODE: 1303001	VCATRACK ORDER. CODE: 1303003	VCAPRO ORDER. CODE: 1303005
Tamper Detect	√	√	√
Camera Shake Elimination	√	√	√
Surveillance Tracker	√	√	√
Presence Filter	√	√	√
Full Filter Set + Abandonded and Removed Object	√	√	√
Class and Speed Filter + Calibration	√	√	√
Direction And Dwell Filters	√	√	√
Tailgating Filter	√	√	√
On Screen Counters	√	√	√
Object Metadata	√	√	√
People Tracker			√
Counting Line			√
Color Filter (beta)			√
PTZ Auto Tracking		√	

Technical Specifications	CBP111VE	CBP111VEL	CBP111VT	CBP111VTS	CBP111VL /VLH
ORDERING CODE	3210028	3210019	3210022	3210024	3210020 / 3210021 *
Input	1xBNC male, 1V p-p, 75 Ohm				
Output	Screw Terminal				
Maximum Transmission Distance (color/B/W)	300m / 600m	300m / 600m	400m / 600m	400m / 600m	400m / 600m
Basic Lightning Protection	-	-		YES	-

* CBP111VL: Weather Proof IP65 / CBP111VLH: Weather Proof IP65 - Extra Interference Rejection

Technical Specifications	CBTP111VP	CBTP111VPD	CBGP001	CBGP001H	RACK CBP016
ORDERING CODE	3210026	3210025	3222004 *	3222003 *	3210030 **
Input	1xBNC male, 1V p-p, 75 Ohm		Screw Terminal	1xBNC male, 1V p-p, 75 Ohm	16xBNC female, 1V p-p, 75 Ohm
Output	RJ45	Push Pin	1xBNC male, 1V p-p, 75 Ohm	Screw Terminal	Port Terminal Block
Maximum Transmission Distance	300m / 600m (color / BW)				
Basic Lightning Protection	-	-	YES	YES	-
Power Transmission	YES up to 50m	YES up to 50m	-	-	-
Data Transmission	-	YES 1x Data	-	-	-

* Connects to the side of the DVR - Ground Loop Isolation - CBGP001H has low signal drop.

** Connects to the side of the DVR - Extra Interference Rejection

Twisted pair distances for transmission applications

CBP111VT Passive — 300m (Color) — **CBP111VT** Passive

CBP111VT Passive — 600m (Color) — **CBA111VR** Active

CBA111VT Active — 1.5Km (Color) — **CBA111VR** Active

CBA111VT Active — 2Km (Color) — **CBA111VH-2** Active

CBA111VT / CBA111VRA*
ORDERING CODE: 3210060 / 3210064

CBA111VH-2
ORDERING CODE: 3210063

Technical Specifications

Input	1xBNC, 1.0 V p-p, 75 Ohm / Screw Terminal	Screw Terminal 0.12-2V p-p
Output	Screw Terminal / 1xBNC, 1.0 V p-p, 75 Ohm	1xBNC, 1.0 V p-p, 75 Ohm
Maximum Transmission Distance	1500m (Color) / 2400m (B/W)/ 1500m (Passive) / 2000m (Active)	1500m (Color) / 2400m (B/W)
Power Supply / Consumption	12V DC / 40mA max	12V DC / 150mA max
Basic Lightning Protection	YES	YES
Interference Rejection	-	YES
Material / Color	ABS / Black	
Dimensions	49(W)x42(H)x45mm(D)	138(W)x77(H)x28mm(D)

* Auto Gain Control (AGC).

RACK CBA008
ORDERING CODE: 3210004

RACK CBA016
ORDERING CODE: 3210005

Technical Specifications

Input	8 Terminal Block	16 Terminal Block
Output	8x, 1V p-p, 75 Ohm (BNC)	16x, 1V p-p, 75 Ohm (BNC)
Power Supply / Consumption	12V DC / 400mA max	12V DC / 500mA max
Maximum Transmission Distance	1500m (Color) / 2400m (B/W)	
Interference Rejection	YES	
Material / Color	Metal / Black	
Dimensions	482(W)x170(H)x44mm(D)	
Weight	2.2Kg	2.720Kg

Surge Protection

CBP001P
ORDERING CODE: 3222006

CBP001
ORDERING CODE: 3222005

CBP004
ORDERING CODE: 3222009

Technical Specifications

Input	2pin Screw Terminal	BNC Male Connector	Screw Terminal
Output	2pin Screw Terminal	BNC Female Connector	Screw Terminal
Surge Protection	YES (Power)	YES (Video)	YES (Data / Video)
Maximum Surge Current	4KV		
Power Supply	40V AC max / 56V DC max	-	-
Surge Protection Attack Time	1ns		
Insertion Loss	Less than 0.2dB		
Material / Color	Metallic / Black		
Dimensions / Weight	65(W)x25(H)x25mm(D) / 65g	78(W)x25(H)x25mm(D) / 80g	65(W)x25(H)x25mm(D) / 65g

CBP111A-K
ORDERING CODE: 3210027

Audio up to 1800m

Audio Input 1xRCA
Audio Output 1xRJ-45 CAT 5 UTP
Bandwidth 20Hz έως 20Khz High performance to eliminate ground loop problems.

CBD102A
ORDERING CODE: 3228010

Video Distribution 1→2,Amplifier 10dB

Video Input 1xBNC,
Video Output 2xBNC
Power Supply 12V DC
Brightness - Contrast settings
Distance transmission up to 1000m using RG59.

CBD001H
ORDERING CODE: 7064074

Video to VGA Converter

Video Input 1x BNC
Video Output 1xBNC
Video Output 1xVGA
Resolution up to 1280x1024@60Hz
Brightness - Contrast settigns
Power Supply 5V DC.

CB002
ORDERING CODE: 3216005

Microphone

Sensitivity -65dB
Cable length 45 cm
Power Supply 12V DC.

WC414
ORDERING CODE: 3214003

Extension Cable

Fixed cable of 2m length,
4 BNC male το 4 BNC male.

CB-VKM02
ORDERING CODE: 7064034

KVM Extender up to 100m

Extender for keyboard, mouse, vga with ability to control at remote place only. Maximum distance 100m, Maximum VGA Resolution 1280x1024, it requires 2 x CAT 5 UTP cables
No power supply required.

Audio/Video Wireless Transmission Kit
ORDERING CODE : 3210070

Transfer audio/video up to 300m

Outdoor wireless kit for transferring audio and video analog cameras up to 300m.

CBP111VGA
ORDERING CODE: 7064036

VGA Extender up to 135m

Extender for VGA, Maximum Distance 135m, Maximum Resolution 1280x1024,
it requires 1x CAT 5 UTP
No power supply required..

UPS-650VA
ORDERING CODE: 7058020

UPS-1000VA
ORDERING CODE: 7058022

1 YEAR WARRANTY Cubitech

Technical Specifications

Type	Line Interactive	
Input	162V - 290V	
Output	230V ±10%	
Power (VA)	650VA / 360W	1000VA / 600W
Type	Tower	
Connection	USB (cable included)	
S/W	Yes	
Cold Start Function	Yes	
Socket No (SHUKO/IEC)	1/0	2/2
Socket Type	SHUKO / IEC	
Autonomy	18 min 1 PC@106W load	33 min 1 PC@106W load
Weight	5Kg	8.5Kg
Safety and EMC / EN50 091 - IEC 62040 - CE logo		

XDSL WI-FI MODEM ROUTER PSTN / ISDN
ORDERING CODE: 3012002 / 3012003

ADSL router over PSTN / ISDN , xDSL connection plug RJ-11 (PSTN) / RJ-45 (ISDN), ethernet LAN 4xRJ-45 10/100Mbps, Supports NAT, Dynamic DNS, DHCP, UPnP.
WiFi characteristics 802.11n, WPA/WPA2, WEP, WPS, Up to 150Mbps, Internal antenna 3.5dbi.
Reset button,
Power supply 12V DC / 1A.
Dimensions 133(L)x61(W)x163mm(H), Weight 520g

3G Router / WiFi / 3G & WiFi
ORDERING CODE: 3012070 / 3012072 / 3012074

3G Router
3G router for connecting to the internet where xDSL is not available. Max download speed 7.2Mbps. Max upload speed 5.76Mbps. Supported Networks GSM, GPRS, EDGE, HSDPA, HSUPA, 1xEthernet,1xUSB, power supply 10-28V DC (included).

Wi-Fi Router
Wi-Fi router for wireless connectivity. Max speed 54Mbps(WiFi) Supported protocols 802.11a/b/g, 1xEthernet, 1xUSB, power supply 10-28V DC.

3G & Wi-Fi Router
3G & Wi-Fi router for connecting to the internet where xDSL is not available and for wireless connectivity.
Max speed 54Mbps(WiFi)
Max download speed 7.2Mbps(3G)
Max upload speed 5.76Mbps(3G)
Supported Networks GSM, GPRS, EDGE, HSDPA, HSUPA, 802.11a/b/g, 1xEthernet,1xUSB, power supply 10-28V DC.

PSC1612
ORDERING CODE: 3226092

PSC0910
ORDERING CODE: 3226091

PSC0403
ORDERING CODE: 3226090

Technical Specifications	PSC0403	PSC0910	PSC1612
Type		Wall Mount	
Output	4	9	16
Amper	3	10	12
Power Input		100V ~ 240V AC	
Power Output	12V ~ 14V DC	12V ~ 14V DC	12V ~ 14V DC
Short Cirquit Protection		YES	
Overload / Overcurrent Protection		YES / YES	
Dimensions	163(H)x163(L)x48mm(D)	200(H)x203(L)x50mm(D)	205(H)x302(L)x50mm(D)
Weight	800g	1.4Kg	2.2Kg

Technical Specifications	P1201	LAT-12V/2A	P1203	P1205	LAT-12V/6A	TB-PA24AC
ORDERING CODE	3226024	3226021	3226019	3226014	3226010	3226028
Type	Pack	Switch	Pack	Switch	Switch	Switch
Output				1		
Amper	1	2	3	5	6	2
Power Input				220V AC		
Power Output	12V DC	12V DC	12V DC	12V DC	12V DC	24V AC

PSA2410
ORDERING CODE: 5030035

PSA2405
ORDERING CODE: 5030034

PSA1205
ORDERING CODE: 5030033

Technical Specifications	PSA1205	PSA2405	PSA2410
Type		Wall Mount / Alarm	
Output		1	
Amper	5	5	10
Power Input	190 ~ 240V AC	190 ~ 240V AC	190 ~ 265V AC
Power Output	12V DC	24V DC	24V DC
Battery (UL1270)	1	2	2
Short Cirquit Protection		YES	
Overload / Overcurrent Protection		YES / YES	
Dimensions	265(H)x195(L)x75mm(D)	285(H)x285(L)x90mm(D)	395(H)x285(L)x165mm(D)
Weight	1.4Kg	1.5Kg	6Kg

DR-30-12 PACK / DR-60-12 PACK

ORDERING CODE: 3229020 / 3229022
BOX NUMBER: 3230002

Technical Specifications	DR-30-12 PACK	DR-60-12 PACK
Type	Rail 24W	Rail 54W
Output	2	
Amper	2	4.5
Power Input	100V ~ 240V AC	
Power Output	10.8V ~ 13.2V DC	11.1V ~ 13.2V DC
Short Cirquit Protection	YES	
Overload / Overcurrent Protection	YES / YES	
Safety Switch	YES	
Dimensions	130(H)x75(L)x93mm(D)	
Weight	450g	
Box Size	300(H)x200(L)x150mm(D)	
Box Weight	3Kg	

CB-L35TPRO
ORDERING CODE: 7048025

Technical Specifications

Test Monitor with 3,5" TFT LCD and resolution 960x240. Video signal strength in IRE or mV.
Control (Pan/tilt, zoom in/out, focus adjustment, select preset position), search for PTZ ID. UTP cable check,12V 1A output to connect camera, audio in test. travel bag.

FILTER KIT NEUTRAL DENSITY
ORDERING CODE: 3224018

Night emulaiton filters for adjusting cameras during day.
The package includes 1x 52mm ND2, 1x 52mm ND4, 2x 52mm ND8 filters. Travel bag.

TOOLBOX
ORDERING CODE: 3224014

Toolbox with dimensions 340x250x65mm it includes crimping pliers for 6P/8P plugs, a UTP stripper, a coaxial stripper, 50x RJ11, 25x RJ45 cable connectors and 20x RJ-45 protective caps.

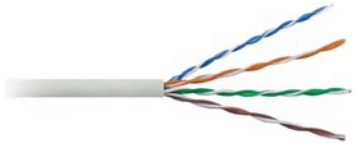
RG-59 CABLE
ORDERING CODE: 3214001

Coaxial cable 6mm, package of 100mm.

RG-59+2x0.5 CABLE
ORDERING CODE: 3214002

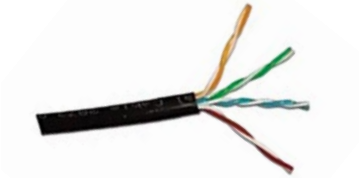
Coaxial cable 6mm with power, package of 100mm.

UTP CAT.5 IN. USE CABLE
ORDERING CODE: 3214007



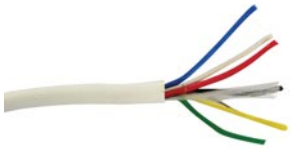
UTP cable, CAT.5 200MHz 4x2x24 AWG, suitable for internal use.

UTP CAT.5 EX. USE CABLE
ORDERING CODE: 3214006



UTP cable, CAT.5 200MHz 4x2x24 AWG, diameter 5.1mm, suitable for external use.

ALARM CABLE
ORDERING CODE: 5030024



Alarm cable with electrical shielding 6x0,22mm^2 cross section.

DC11
ORDERING CODE: 0101026

Power Jack with male terminal block.

DC12
ORDERING CODE: 0101027

Power Jack with female terminal block.

DC15
ORDERING CODE: 0101028

Male BNC with terminal block.

CAB-4CH
ORDERING CODE: 3226002

1 input, 4 outputs junction cable.

MALE BNC
ORDERING CODE: 0101016

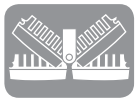
Male BNC for camera. Stamp type.

FEMALE BNC
ORDERING CODE: 0101018

Female BNC for camera. Stamp type.

BNC CRIMPING TOOL
ORDERING CODE: 3224016

BNC Crimping tool for terminating RG-59 cables.



ADAPTIVE ILLUMINATION™

Adaptive Illumination™ allows the installer to adjust the angle of the light up to 180 degrees projection from a single unit to fit the specific demands of any installation. Adjustment is quick and convenient.

ACTIVE LED Life Control

All Raytec illuminators employ cutting edge materials science techniques to improve thermal efficiency. The New Advanced Cool Running™ system draws heat away from the LEDs, shielding the LED from abnormal stress.

SMT (Surface Mount Technology)

Compared to standard through hole LED's, surface mount LED's are a more robust solution increasing reliability. They are also far more efficient at the dissipation of heat allowing the LED's to achieve significantly improved performance.

VANDAL RESISTANT

The polycarbonate lens design protects against severe blows from crowbars, baseball bats and can even withstand successive shots from air pistols and rifles (range dependant).

ENERGY SAVING

All Raytec illuminators use high efficiency LED's and advanced control methods to deliver extremely low electrical consumption. Raytec illuminators are energy saving and deliver huge savings in running costs compared to traditional bulb illuminators.

HIGH DEFINITION LIGHTING

High Definition Lighting allows cameras to provide crystal clear, high signal images during the hours of darkness. The breakthrough in HD lighting is made possible with Raytec's high power LED technology delivering increased power on scene.

HYBRID™

The world's first range of combined IR and White-Light illuminators designed for the CCTV market. HYBRID™ integrates RAYMAX and RAYLUX technologies with Infra-Red light, and a visible White-Light deterrent on alarm activation.

PLATINUM ADVANCED SMT LED TECHNOLOGY

PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics (LIMO) and an enhanced Cool Running™ thermal management system into a single ultra high performance LED.

COMMAND AND CONTROL TECHNOLOGY

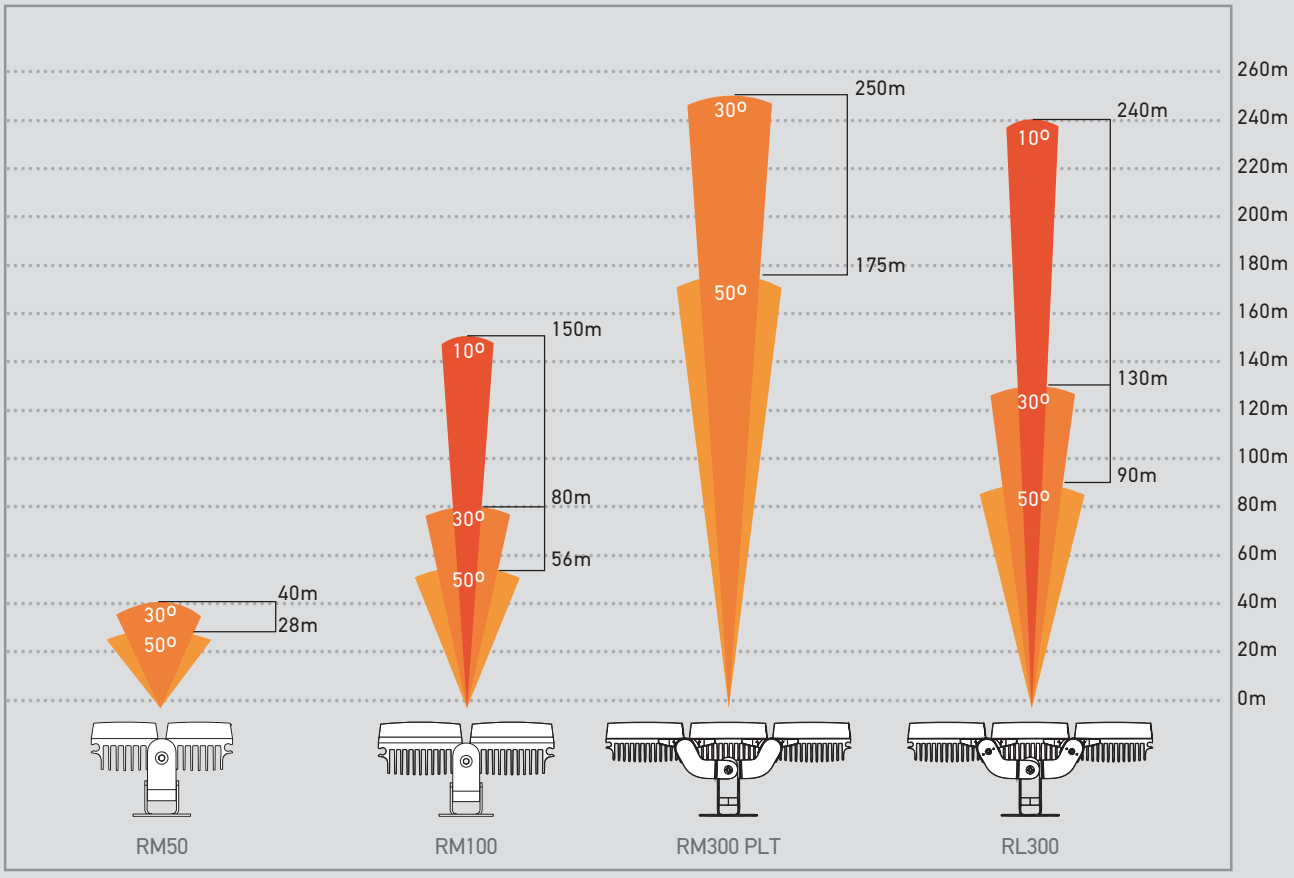
Integrated into all Fusion Illuminators, Command and Control technology provides photocell, photocell level adjustment and power adjustment functionality on the actual illuminator. This eliminates the need for a specialist external power supply.

STANDARD PSU

Standard Raytec PSU's are provided with power adjust functionality (0-100%), an externally rated photocell with photocell sensitivity adjustment, and a telemetry input to allow the unit to be controlled via an external trigger.

Comparison Chart Distances - Angles

The chart below displays the angle for the specific type of illuminators in proportion with the maximum distance of each type.



Raytec Illuminators Test Endurance

Quality and reliability is vitally important for CCTV lighting specialists Raytec, both in the high quality, low energy LED products which they manufacture and the first class customer service that they deliver. Tough quality testing regime that all Raytec products must go through to ensure the highest levels of performance, consistency, durability and reliability.

Antivandal

Fall from 15 meter

Waterproof

5 YEAR WARRANTY

RM25-30
ORDERING CODE: 1050016

RM25-50
ORDERING CODE: 1050018

- SMT LED Technology
- Fully Controllable Power Supply
- 10 year life
- Active LED Life Control
- Vandal resistant
- Zero Light Pollution
- Even Output Illumination

RM50-30
ORDERING CODE: 1050014

RM50-50
ORDERING CODE: 1050012

RAYMAX 25 cover distance up to 20m. They combine high power with low running cost and angles 30° to 50° and optional PSU Pro Series.

RAYMAX 50 cover distance up to 40m. They combine high power with low running cost and angles 30° to 100° and optional PSU Pro Series.

Technical Specifications	RM25-30	RM25-50	RM50-30	RM50-50
Type	S.M.T. Led			
Max Distance IR	up to 20m	up to 14m	up to 40m	up to 28m
Angle	30°	50°	30° - 60°	50° - 100°
IP Rating	IP66			
Temperature Range	±50°C			
Wave Length	850nm / 940nm (option)			
Cable Length	2.5m			
Power Supply	13.5V			
Consumption	10W	10W	20W	20W
Dimensions	75(H)x100(W)x54mm(D)	75(H)x100(W)x54mm(D)	160(H)x115(W)x54mm(D)	160(H)x115(W)x54mm(D)
Weight	0.5Kg	0.5Kg	1.7Kg	1.7Kg

* Contact us for more technical specifications and the models availability.

5 YEAR WARRANTY

- SMT LED Technology
- Fully Controllable Power Supply
- 10 year life
- Active LED Life Control
- Vandal resistant
- Zero Light Pollution
- Even Output Illumination

RM100-10
ORDERING CODE: 1050020

RM100-30
ORDERING CODE: 1050022

RAYMAX 100 cover distance up to 150m. They combine high power with low running cost and angles 10° to 100° and optional PSU Pro Series.

RAYMAX 300 cover distance up to 140m. They use adaptive illumination with angles 50° to 180°.

RM100-50
ORDERING CODE: 1050024

RM300-50
ORDERING CODE: 1050066

Technical Specifications	RM100-10	RM100-30	RM100-50	RM300-50
Type	S.M.T. Led			
Max Distance (IR/WL)	up to 150m	up to 80m	up to 56m	up to 140m
Angle	10° - 20°	30° - 60°	50° - 100°	50° - 180°
IP Rating	IP66			
Temperature Range	±50°C			
Wave Length	850nm / 940nm (option)			
Cable Length	2.5m			
Power Supply	13.5V			
Consumption	50W	50W	50W	120W
Dimensions	210(H)x150(W)x65mm(D)	210(H)x150(W)x65mm(D)	210(H)x150(W)x65mm(D)	420(H)x195(W)x66mm(D)
Weight	2.5Kg	2.5Kg	2.5Kg	6Kg

* Contact us for more technical specifications and the models availability.

5 YEAR WARRANTY

HY100-30 / HY100-50

ORDERING CODE: 1050030 / 1050032

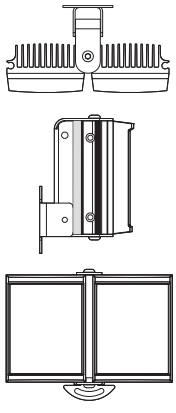
Infra-Red ON

White-Light ON

The Hybrid Range **RAYMAX HY 100** have Infra-Red and White-Light Led in one device, Platinum technology SMT LED, high power with low running cost, smart light combination, angles from 30° to 50°, 10 year life, fully controllable power supply, active LED Life Control, Vandal Resistant, Even Output Illumination, IR for constant Covert Surveillance, White-Light for deterrent purposes and colour images.

Technical Specifications	HY100-30	HY100-50
Type	S.M.T. Led	
Max Distance (IR/WL)	55 / 40m	40 / 30m
Angle	30°	50°
IP Rating	IP66	
Temperature Range	±50°C	
Wave Length	850nm	
Cable Length	2.5m	
Power Supply	13.5V / 14V	
Consumption	50W	
Dimensions	210(H)x150(W)x65mm(D)	
Weight	2.5Kg	

* Contact us for more technical specifications and the models availability.



5 YEAR WARRANTY

- Quick Start
- SMT LED Technology
- 10 year life
- High Power - Low Running Costs
- Fully Controllable Power Supply
- Active LED Life Control
- Vandal resistant
- Even Output Illumination
- Low running costs

RL25-30/50/120
ORDERING CODE: 1051003 / 1051005 / 1051007

RL100-AI-30/50/120
ORDERING CODE: 1051014 / 1051016 / 1051018

RL200-AI-30/50/120
ΚΩΔΙΚΟΣ: 1051020 / 1051036 / 1051022

RL300-AI-10/30/50
ORDERING CODE: 1051023 / 1051024 / 1051025

RAYLUX 25 cover 30°, 50° or 120° angles, excellent colour rendition , optional PSU Pro Series.

RAYLUX 100 and **RAYLUX 200** with adaptive illumination, angles 10° to 180° and excellent colour rendition.

RAYLUX 300 cover images up to 240 μέτρα, adaptive illumination with angles from 10° to 180°.

Technical Specifications	RL25-30/50/120	RL100-AI-30/50/120	RL200-AI-30/50/120	RL300-AI-10/30/50
Type	S.M.T. Led			
Max Distance WL	20-14-8m	65-45-18m	105-80-30m	240-90m
Angle	30°~120°	30°~180°	30°~180°	10°~180°
IP Rating	IP66			
Colour Temperature	6.500κ			
Luminosity	800lm	3.100lm	4.700lm	7.000lm
Wave Length	White Light			
Cable Length	2.5m			
Power Supply	14V			
Consumption	15W	50W	50W	120W
Dimensions	75(H)x100(W)x54mm(D)	210(H)x150(W)x65mm(D)	280(H)x195(W)x66mm(D)	420(H)x195(W)x66mm(D)
Weight	500g	2.5Kg	4Kg	6Kg

* Contact us for more technical specifications and the models availability.

5 YEAR WARRANTY

RM25-F30/F50/F120
ORDERING CODE: 1052002 / 1052003 / 1052004

RM50-F30/F50/F120
ORDERING CODE: 1052009 / 1052007 / 1052005

- SMT LED Technology
- High power - low running costs
- 10°, 30°, 50° or 120° degree variations
- 12/24V DC / 24V AC
- Command and Control technology™
- 10 year life
- Active LED life control
- Vandal Resistant
- Zero Light Pollution
- Even Output Illumination

RM100-F10/F30/F50/F120
ORDERING CODE: 1052010 / 1052011 / 1052012 / 1052013

RM100-F-AI-10/30/50
ORDERING CODE: 1052020 / 1052021 / 1052022

RAYMAX 25F, 50F and **100F** cover distance up to 20, 40 and 150 meters.

RAYMAX 100F AI cover distance up to 150 meters, adaptive illumination, angle 10° to 180° and Zero Light Pollution.

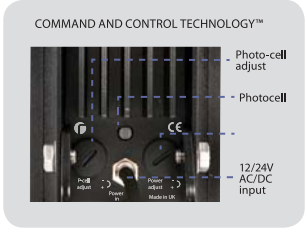
Technical Specifications	RM25-F30/F50/F120	RM50-F30/F50/F120	RM100-F10/F30/F50/F120	RM100-F-AI-10/30/50
Type	S.M.T. Led Platinum			
Max Distance IR	20-14-8m	40-28-16m	150-80-56-32m	150-80-56m
Angle	30°~120°	30°~120°	10°~120°	10°~100°
IP Rating	IP66			
Temperature Range	±50°C			
Wave Length	850nm / 940nm (option)			
Cable Langth	2.5m			
Power Supply	12/24V DC / 24V AC			
Consumption	11W	22W	35W	44W
Dimensions	75(H)x100(W)x54mm(D)	135(H)x100(W)x63mm(D)	180(H)x135(W)x65mm(D)	210(H)x150(W)x65mm(D)
Weight	500g	1.0Kg	1.4Kg	2.5Kg

* Contact us for more technical specifications and the models availability.

5 YEAR WARRANTY

- SMT LED Technology
- High power - low running costs
- 10°, 30°, 50° or 120° degree variations
- Integrated Fusion PSU with 12/24V AC/DC input
- Command and Control technology™
- 10 year life
- Active LED life control
- Vandal Resistant
- Excellent colour rendition
- Even Output Illumination
- Low running costs

RAYLUX 25F, 50F and 100F cover distance up to 17, 35 and 100 meters.



RL25-F30/F50/F120 / RL50-F30/F50/F120 / RL100-F10/F30/F50/F120

ORDERING CODE: 1052102-3-4 / 1052106-7-8 / 1052110-12-14-16

Technical Specifications	RL25-F30/F50/F120	RL50-F30/F50/F120	RL100-F10/F30/F50/F120
Type		S.M.T. Led Platinum	
Max Distance WL	17-12-7m	35-25-10m	100-50-35-15m
Angle	30°~120°	30°~120°	10°~120°
IP Rating		IP66	
Temperature Range		±50°C	
Wave Length		White Light	
Cable Length		2.5m	
Power Supply		12/24V DC / 24V AC	
Consumption	12W	25W	35W
Dimensions	75(H)x100(W)x54mm(D)	135(H)x100(W)x63mm(D)	180(H)x135(W)x65mm(D)
Weight	500g	1.0Kg	1.4Kg

* Contact us for more technical specifications and the models availability.

5 YEAR WARRANTY

RM 100-10/30/50/120 PLT
ORDERING CODE: 1051152 / 1051154 / 1051156 / 1051158

RM 200-10/30/50/120 PLT
ORDERING CODE: 1051160 / 1051162 / 1051164 / 1051166

- SMT LED Technology
- Fully Controllable Power Supply
- 10 year life
- Active LED Life Control
- Vandal resistant
- Zero Light Pollution
- Even Output Illumination

RM 300-2x05/05/10/30/50 PLT
ORDERING CODE: 1051169 / 1051168 / 1050062 / 1051172 / 1051174

RAYMAX PLATINUM
cover distance 1000 metres, They combine high power with low running cost and angles 5° to 180° and optional PSU Pro Series.

Technical Specifications	RM 100-10/30/50/120 PLT	RM 200-10/30/50/120 PLT	RM 300-2x05/5/10/30/50 PLT
Type		S.M.T. Led Platinum	
Max Distance IR	150/130/90/50m	300/220/140/70m	1000**/700/370/250/175m
Angle	10°~180°+	10°~180°+	5°~180°
IP Rating		IP66	
Temperature		±50°C	
Wave Length		850nm / 940nm (option)	
Cable Length		2.5m	
Power Supply		13.5V DC	
Consumption	70W	100W	120W
Dimensions	150(L)x210(W)x65mm(H)	195(H)x280(W)x66mm(D)	195(H)x420(W)x66mm(D)
Weigth	2.5Kg	4Kg	6Kg

* Contact us for more technical specifications and the models availability.

** Requires the use of 2x Raymax 300 Platinum.

Access Control

Control Panels

Readers

Access cards

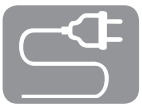
Electromagnets

Converters

Turnstiles

ANTI-PASS BACK

Anti-Pass Back offers increased security functionality that prevents users from getting into a controlled area without getting out first.



BUILT-IN POWER SUPPLY

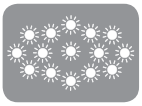
The controller has high quality built-in power supply units for the control panel and the accessories.

AxTraxNG™

Advanced management software for the contol of the AC215, AC215IP, AC225IP and AC425IP access panels.

AC-115 SOFTWARE

Management software for controlling AC-115 access panel.



LED INDICATION

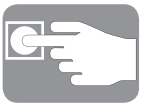
Optical indication of functions through built-in LED at access control panels readers and standalone controllers.

TAMPER PROTECTION

Built-in tamper for the protection of the reader from sabotage at the point of installation.

SOUND

Internal buzzer for sound notification.



DOOR BELL

Includes at the keypad button for door bell.

PIN & PROX

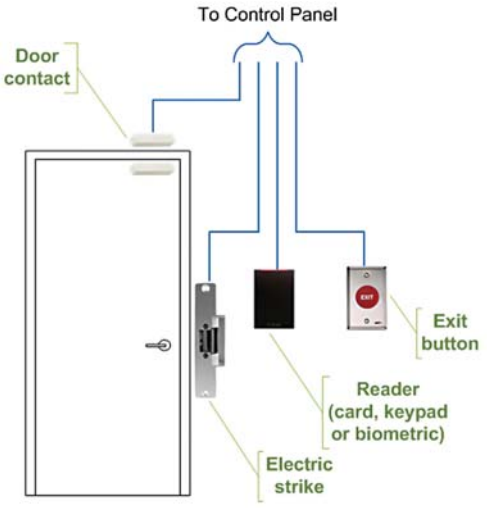
Independent choise of function PIN & PROX (PIN, PROX, PIN & PROX, PIN or PROX)

Possible Topologies

The Access Control panel usage allow us to dynamically design the installation topology offering solutions for each different case. Having this option available different type of installation may be carried out that can work for one or two doors with the according readers, exit buttons, electric strike and communicate with the control software by serial (BUS RS-485) or by Ethernet (TCP/IP). Especially in the case of Ethernet topology the network can be expanded up to 1.023 Access Control panels or 4.092 doors.

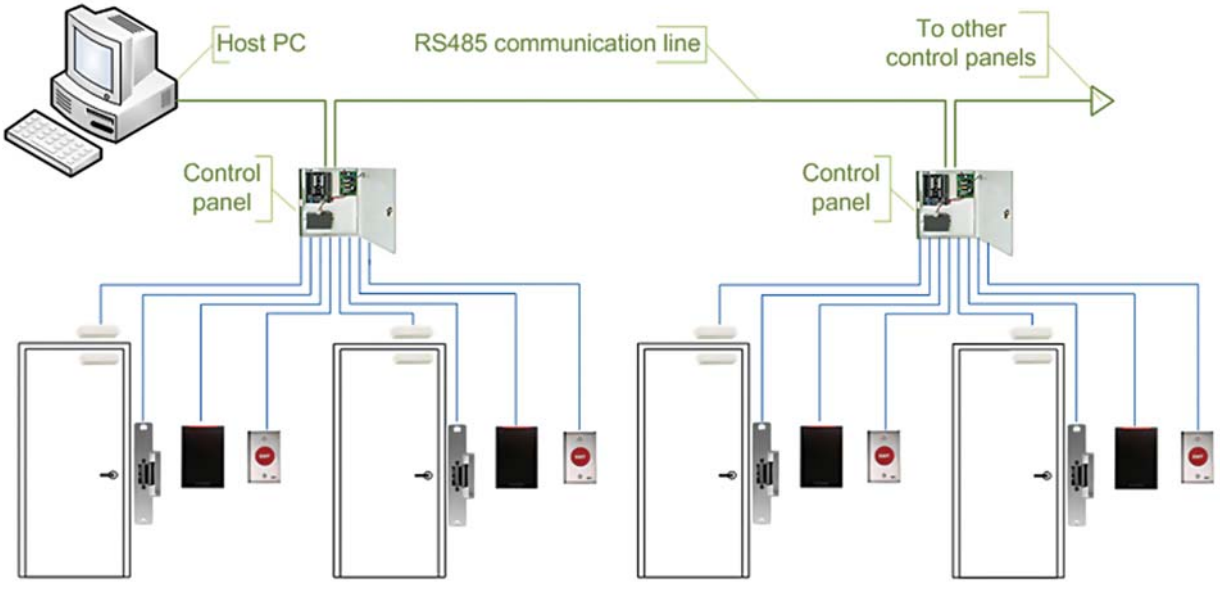
One Door Installation

During the installation and configuration of an Access Control for one door the proccess is quite simple since all settings are preconfigure and you just need to make the correct connections between the access control panel and the periferals (reader, magnetic contact, exit button, electric strike). The connection with the control software can be established through serial (BUS RS-485) or Ethernet network (TCP/IP).



Multiple Door Installation

In case of having more than one door installation the connection type remains simple since the installation and configuration remains the same for all panels. The connection between the Access Control panels and the control software can be established through serial (BUS RS-485) or Ethernet network (TCP/IP).



ROSSLARE SECURITY PRODUCTS

AC115
ORDERING CODE: 4012030

TAMPER PROTECTION

Access control panel for use with 1 door (in-out) and up to 8 controllers in a bus. Programmable user codes 4 to 6 digits. Real Time Clock. Keyboard is only used for programming the controller.

AC215
ORDERING CODE: 4012036

TAMPER PROTECTION

Integrated Access Control system that includes fuse block, transformer power supply, panel and speaker for one door (in - out) or 2 doors (in - exit button). Connection up to 256 controllers on a bus (RS485). S/W included.

Technical Specifications	AC115	AC215
Users	up to 2.400	up to 5.000
Memory	up to 2.000 events	up to 5.000 events
Software	AS-115 (free)	AxTraxNG**
Inputs	REX & Door monitor	4x (REX & Door monitor)
Outputs	2x1.2A (Lock, Aux)	4x N.O. ή N.C. max 5A
Connection	RS485 between controllers	
Communication	RS485	RS485/232, Dial-up, TCP/IP
Operating Temperature	-31°C up to +63°C	0°C up to +49°C
Power supply	16.5V AC / 12V DC	12V DC
Consumption	120mA	325mA
Battery	-	12V, 7Ah (UL1270)*
Dimensions	134(H)x85(W)x30mm(D)	334(H)x264(W)x84.5mm(D)
Weight	220g	2.4Kg (without battery)

*Battery is not included

**Free up to 64 panels

MD-14 CONVERTER
ORDERING CODE: 4016021

RS-485 to RS-232 converter for AC115 and AC215.

AC215IP

ORDERING CODE: 4012037

Integrated Network Access Control system that includes fuse block, transformer, power supply, panel, speaker module and network for use with 1 door (in - out) or 2 doors (in - exit button). Connection up to 256 controllers on a bus (RS485) or unlimited over TCP/IP network. S/W included.

AC225IP

ORDERING CODE: 4012032

Integrated Network Access Control system that includes fuse block, transformer, power supply, panel, speaker module and network for use with 1 door (in - out or 2 doors (in - exit button) expandable to 2 doors (in- out) or 4 doors (in - exit button). Connection up to 256 controllers on a bus (RS485) or unlimited over TCP/IP network. S/W included.

Technical Specifications	AC215IP	AC225IP
Users	up to 30.000	
Memory	up to 20.000 events	
Software	AxTraxNG**	
Inputs	4 general use expandable by using the MD-IO84 expansion board	
Outputs	4x N.O. or N.C. max 5A	4 general use expandable N.O. or N.C. max 5A by using the MD-IO84 expansion board
Connection	RS485 between controllers	
Communication	RS485/232, Dial-up, TCP/IP	
Operating Temperature	0°C up to +49°C	
Power supply	12V DC	
Consumption	370mA	
Battery	12V, 7Ah (UL1270)*	
Dimensions	334(H)x264(W)x84.5mm(D)	334(H)x264(W)x89.5mm(D)
Weight	3.8Kg (without battery)	

*Battery is not included

**Free up to 64 panels

AC425IP
ORDERING CODE: 4012033

Integrated network system Access Control includes fuse block, transformer power supply, panel, speaker and network module for use with 2 doors (in - out) or 4 doors (in - exit button) expandable up to 4 doors (in - out) or 8 doors (in - exit button). Connection up to 32 controllers in a bus (RS485) or unlimited network. S/W included.

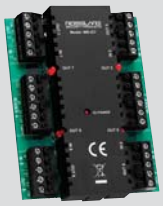
Technical Specifications	AC425IP
Users	up to 30.000
Memory	up to 20.000 events
Software	AxTraxNG**
Inputs	4 general use expandable by using the MD-IO84 expansion board
Outputs	4 general use expandable N.O. or N.C. max 5A by using the MD-IO84 expansion board
Connection	RS485 between controllers
Communication	RS485/232, Dial-up, Built-in Ethernet
Operating Temperature	0°C up to +49°C
Power supply	12V DC
Consumption	370mA
Battery	12V, 7Ah (UL1270)*
Dimensions	334(H)x264(W)x89.5mm(D)
Weight	3.8kg (without battery)

*Battery is not included

**Free up to 64 panels

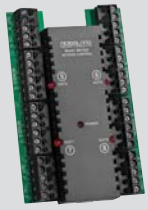
Technical Specifications	MD-D02	MD-D04	MD-IO84
Readers	2	4	-
Input	4 general use	4 general use	8 general use
Output	4 general use N.O. or N.C. max 5A		
Consumption	135mA		
Dimensions (H)x(W)x(D)	100x75.9x32.5mm	115x75.9x32.5 mm	100x75.9x32.5mm
Weight	98.2g		

MD-D02
ORDERING CODE: 4012034



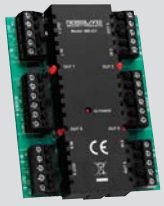
Expansion board for AC225IP and AC425IP 2 readers, (PIN, PROX, PIN & PROX), and 4 (inputs - outputs) general use.

MD-D04
ORDERING CODE: 4012035



Expansion board for AC425IP 4 readers, (PIN, PROX, PIN & PROX), and 4 (inputs - outputs) general use.

MD-IO84
ORDERING CODE: 4012038



Expansion board for 8 inputs and 4 outputs of general use for AC225IP and AC425IP.

BATTERY UL1270
ORDERING CODE: 5030054

1 YEAR WARRANTY Cubitech

7.0Ah, 12V rechargable battery.
Dimensions 151(L)x65(W)x96(H)

4 YEAR WARRANTY Cubitech

INTERNAL/OUTDOOR USE ANTI-VANDAL PROX AY-E20

ORDERING CODE: 4014034

ANTI-VANDAL PIN & PROX CONVERTIBLE AYC-E65BG

ORDERING CODE: 4013003

INDOOR USE PIN & PROX CONVERTIBLE AYC-G64

ORDERING CODE: 4013002

DOOR/OUTDOOR USE PROX AY-K12

ORDERING CODE: 4014042

DOOR/OUTDOOR USE PROX AY-K14

ORDERING CODE: 4014043

Technical Specifications	AY-E20	AYC-E65B	AYC-G64	AY-K12	AY-K14
Reader	26 Bit-Wiegand, Clock & Data,RS 232	26 Bit-Wiegand, Clock & Data	26 Bit-Wiegand, Clock & Data	26 Bit-Wiegand	Clock & Data
Installation Enviroment			Indoor / Outdoor		
IP Rating			IP65		
Reading Distance	3.5cm	4cm	8cm	8cm	8cm
LED	3 Color	2	3 Color	Yes	Yes
Power Supply			12V DC		
Consumption	100mA	105mA	140mA	50mA	50mA
Dimensions (H)x(W)x(D)	155x45x8mm	155x44x9mm	137x44x21mm	80x40x12.8mm	80x40x12.8mm
Weight	135g	143g	160g	70.5g	70.5g

ROSSLARE SECURITY PRODUCTS

ANTI-VANDAL PIN & PROX CONVERTIBLE AYC-Q64B

ORDERING CODE: 4015002

4 YEAR WARRANTY Cubitech

Technical Specifications	AYC-Q64B
Reader	26 Bit-Wiegand, Clock & Data, 125 kHz
Installation Enviroment	Indoor
IP Rating	IP65
Reading Distance	4.5cm
LED	Yes
Power Supply	12V DC
Consumption	130mA
Dimensions	120(H)x76(W)x21mm(D)
Weight	480g

GUARD PATROL GCK01

ORDERING CODE: 7612002

Digitool-Guard Patrol System

The package includes Data Acquisition Reader in a leather case, Data Acquisition/Charger Base and RS232 cable for connecting to pc, 12 controll tag, carrying leather case with tags for activate in case of emergency, Control Software. Includes tags for installation.

Data Acquisition Reader

ORDERING CODE: 7602002

Data acquisition reader in a leather case, IP Rating IP65, internal battery Li-Ion 1800mAh, 360º LED array and storage of up to time stamped 8000 readings.

Data and Charging Base Stations

ORDERING CODE: 7604002

Desktop or wall-mounted docking station and charger for GC-01 Readers. Provides communication to PC through an RS-232 port. Includes localized AC/DC transformer.

White Tag

ORDERING CODE: 7606004

iButton Location White Tag installed in a rigid plastic housing, for location identification. IP68.

Black Tag

ORDERING CODE: 7606005

iButton Location Black Tag installed in a rigid plastic housing, for location identification. IP68.

PIN AC-C31
ORDERING CODE: 4010024

TAMPER PROTECTION

PIN & PROX AC-G44
ORDERING CODE: 4015006

4 YEAR WARRANTY Cubitech

TAMPER PROTECTION

PIN AC-015
ORDERING CODE: 4010026

TAMPER PROTECTION

PIN & PROX ANTI-VANDAL AC-Q44
ORDERING CODE: 4015008

4 YEAR WARRANTY Cubitech

TAMPER PROTECTION

Technical Specifications	AC-C31	AC-G44	AC-015	AC-Q44
Reader	1 door	-	1 door (2 readers)	-
Users	up to 500 users			
Installation Environment	Indoor	Outdoor	Indoor	Outdoor
IP Rating	-	IP65	-	IP65
Memory	-	-	up to 2.000 events	-
REX input	dry contact N.O.	dry contact N.O. / Aux N.O.	dry contact N.O.	dry contact N.O. / Aux N.O.
Output Relay	1x2A(Lock)	2x2A(Lock & Aux)	1x1.2A(Lock)	2x3A(Lock & Aux)
Connection	-	-	RS-232	-
Reading Distance	-	8cm	-	6.5cm
Security Levels	-	Normal, Bypass, Secure	-	Normal, Bypass, Secure
Power Supply	12V DC/24V AC	12-24V DC/16-24V AC	12V DC/16V AC	12-24V DC/16-24V AC
Consumption	80mA	160mA	120mA	125mA
Dimensions	130(H)x42(W)x18mm(D)	135.4(H)x44.2(W)x28.5mm(D)	134(H)x85(W)x30mm(D)	120(H)x76(W)x22mm(D)
Weight	70g	178g	220g	521g
Software	-	-	AC-015	-

ROSSLARE SECURITY PRODUCTS

BUTTON EX-01
ORDERING CODE: 4016058

1 YEAR WARRANTY Cubitech

Technical Specifications

Material	Plastic
Installation Environment	Indoor N.O., N.C.
Power Supply	-
Consumption	-
IP Rating	-
Dimensions	75(H)x23(W)x15mm(D)
Weight	-

PROX READER AY-LR23E RECEIVER
ORDERING CODE: 4027003

Technical Specifications

Protocol	26 bit Wiegand
Frequensy	418 / 433.92 / 868.35 MHz
Reading Distcance	up to 50m
Installation Enviroment	Indoor - Outdoor
Power Supply	12V DC
Consumption	55mA
Dimensions	145(H)x43(W)x21mm(D)
Weight	500g

AxTraxNG™
ORDERING CODE: 4018004
*Up to 64 panels free

Technical Specifications

O/S	Windows XP SP2, Windows Server 2003, Windows Server 2008, Windows Vista, or Windows 7
PC Requirements	Pentium 4 or higher, 2 GB RAM, CD ROM, network card
HDD Space	4 GB
DB format	SQL Express Server 2005, password protected
Network	Unlimited
Support	Serial (RS-232/485), TCP-IP, Modem
Maps	Yes
Alarm Management	Yes

CARD AT-R14C2
ORDERING CODE: 4016054

Chamshell 125kHz proximity card, Read Distance up to 20m (Depends from Reader). Printable. Dimensions 85.6(L)x54(W)x1.84mm(H), Weight 9.5g

CARD AT-R11C
ORDERING CODE: 4016052

125kHz proximity card, Read Distance up to 20m (Depends from Reader). Printable. Dimensions 85.6(L)x54(W)x 1.84mm(H), Weight 6g

TAG AT-R271L
ORDERING CODE: 4016044

125kHz Read-only proximity tags non Printable. Dimensions 39(L)x26(W)x5mm(H), Weight 1g

MD-08 CONVERTER
ORDERING CODE: 4016060

Wiegand 32 Bit to RS-232 converter, Power Supply 12V DC, Consumption 500mA, Dimensions 85(L)x70(W)x25mm(H), Weight 6gr

GAM2 MAGNETIC LOCKS

ORDERING CODE: 4032004

Technical Specifications

Mount	Surface
Holding Force	300Kg / 670lbs
Locking Monitoring	Yes
Operating Voltage	12/24V DC
Consumption	500/250mA
Dimensions	188(L)x27(W)x39mm(H)
Weight	2Kg

GAM5000G MAGNETIC LOCKS

ORDERING CODE: 4032008

Technical Specifications

Mount	Surface
Holding Force	300Kg / 771lbs
Locking Monitoring	Yes
Operating Voltage	12/24V DC
Consumption	500/250mA
Dimensions	225(L)x44(W)x63mm(H)
Weight	5Kg

GAM2H MAGNETIC LOCKS

ORDERING CODE: 4032003

Technical Specifications

Mount	Surface
Holding Force	300Kg / 670lbs
Locking Monitoring	LED + Relay
Operating Voltage	12 / 24V DC
Consumption	500mA max / 250mA
Dimensions	268(L)x48(W)x25mm(H)
Weight	2Kg

GAM4 MAGNETIC LOCKS

ORDERING CODE: 4032006

Technical Specifications

Mount	Surface
Holding Force	530Kg / 1200lbs
Locking Monitoring	LED + Relay
Operating Voltage	12 / 24V DC
Consumption	500mA max / 250mA
Dimensions	268(L)x73(W)x40mm(H)
Weight	4Kg

AMZB2

ORDERING CODE: 4032022

Z type bracket for GAM2 and GAM2H.

AMZB1

ORDERING CODE: 4032020

L type bracket for GAM4.

AMZB5000

ORDERING CODE: 4032024

Bracket for GAM5000G.

HTT2400

ORDERING CODE: 7501005

Waist height trio turnstiles are robust products functioning indoor or outdoor, provide pedestrian access control in areas requiring moderate level of security.

Technical Specifications

Main Body and Tripod Arms	1,5 mm 304 stainless steel
Other Parts	All other parts are coated against corrosion
Arm Lenght	430mm
Operation	Electrical and mechanical
Operating Voltage	220V / 50Hz
Rotation	Self centred and smooth operation by means of spring and hydraulic damper
Capacity	Handling more than 30 passengers per minute
Dimensions	280(W) x 450(L) x 1050 mm(H)

HSG1000 VIP/SWING GATE

ORDERING CODE: 7501002

Swing Gates provides an alternative way to regulate pedestrian traffic. Swing Gates are compatible with international wheel chair standards, thanks to passage width provided up to 90 cm.

Technical Specifications

Main Body	3 mm stainless steel
Arm Lenght	Up to 900mm
Operating Voltage	220V / 50Hz
Arm Material	Transparent plexiglass, 15mm thickness
Capacity	Handling more than 30 passengers per minute
Movement	Motorized. PWM Microprocessor based control
Operation Mode	Bidirectional operation feature
Dimensions	250(W) x 820(L) x 1050mm(H)

HHG1000

ORDERING CODE: 7501009

Single Hidden Gate for efficiently controlling the access of users in railway and subway stations or any other places such as commercial centers, stadiums, schools government and private offices or industrial complexes,

Technical Specifications

Main Body and Lateral Lids	1,5 mm 304 stainless steel
Other Parts	Coated against corrosion
Main Movement	24V DC (moter)
Operation	Electrical and mechanical
Operating Voltage	220V / 50Hz
Internal Body	Reinforced with 5-mm metal sheets increasing the resistance strength
Dimensions	300(W) x 1450(L) x 1000mm(H)

HFT1000

ORDERING CODE: 7501013

Full height turnstiles are robust products functioning indoor or outdoor, provide pedestrian access control in areas requiring high level of security. With proven ability to handle massive crowds in places like subways or stadiums.

Technical Specifications

Main Body	Electrostatic Powder Coating on steel
Other Parts	All other parts are coated against corrosion
Arm Lenght	603mm
Operation	Electrical and mechanical
Operating Voltage	220V / 50Hz
Rotation	Self centred and smooth operation by means of spring and hydraulic damper
Capacity	Handling more than 30 passengers per minute
Dimensions	1320(W) x 1250(L) x 2030(H)mm

HMB5201

ORDERING CODE: 7501100

Hybrid Rising Bollards Designed to K12 standards, with its powerful hydraulic unit, Road Blockers provide secure solutions for vehicle access control and regulation of city traffic. Suitable for high frequency heavy duty operation.

Technical Specifications

Drive	Hydraulic
Drive power	Min 10 Bars / Max 120 Bars
Cylinder Radius	200 mm (standard)
Obstacle Height	500 mm (standard) up to 1000 mm (optional)
Cylinder Width	7 mm (standard)
Bearing	Aluminum, Cr – Ni Coating on Steel (standard)
Power Supply	380 VAC / 50-60 Hz.
Consumption	From 2,2 to 11 KW Depending on Bollard Quantity
Rising / Falling Time	4 sec / 3 sec (standard), 2 sec / 1,5 sec (optional)

HRB2000

ORDERING CODE: 7501102

Hydraulic Road Blockers Designed to K12 standards, with its powerful hydraulic unit, Road Blockers provide secure solutions for vehicle access control and regulation of city traffic. Suitable for high frequency heavy duty operation.

Technical Specifications

Drive	Hydraulic
Drive power	Min 10 Bars / Max 120 Bars
Obstacle Height	500 mm (standard) up to 1000 mm (optional)
Bearing	Steel Shaft
Material	Electrostatic Powder Coating on Steel
Rising / Falling Time	4 sec / 3 sec (standard), 2 sec / 1,5 sec (optional)
Power Supply	380 VAC / 50-60 Hz.
Consumption	5,5 KW
Operating Temperature	-70°C ~ -15°C

KB3000

ORDERING CODE: 7501110

Rising Arm Barriers designed suitable for heavy duty operation, have the capacity to handle 5000 vehicles per day. Rising arm barriers provide easy, durable and safe solutions in low level security car parking areas, bearing the option of integration with Car Parking Management and Fee Collection System.

Technical Specifications

Drive	Motor / Gearbox 1/62
Drive power	20 Kgs per meter
Bearing	Gray Cast Iron / Ballbearing
Material	Electrostatic Powder Coating on Steel
Power Supply	380 VAC / 50-60 Hz.
Consumption	5,5 KW
Operating Temperature	-70°C ~ -15°C
Housing Height	1000 mm
Rising Arm	32/75 mm - From 3 to 6 meters Intermediate Lengths
Opening / Closing Time	From 3 to 6 sec Depending on Arm Length

In Cubitech we recognize the importance of providing superior after sales support to our partners. We know that our success is built on the product quality we offer and to the satisfaction of our associates. Having developed our own technology, we are committed to providing in depth after sales services and support, and often create custom software solutions, according to the needs and comments of our associates.

Telephone Support Line: (+30) 210 95 80 888-7
Monday to Friday 08:00-20:00
Saturday 09:00-14:00, Except official holidays.

Pricelist

On bench Service

Bench service cost per hour	35€

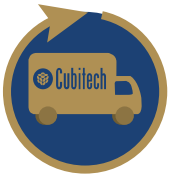
Partners Website: http://partners.cubitech.com/
Support Website: http://cubitech.com/pages/gr/support/contact.php
Support E-mail: support@cubitech.com

Notes:

All products are sent and received by our company with charge and responsibility of the partner.
This catalogue any previous catalogues and may change without notice superseeds all.

Distribution Process

All our products are distributed daily in Greece and abroad either through transport or through an agency or through Courier chosen by our partner. Especially for Athens deliveries are made by our vehicles on our partner site.



- The delivery of orders received before 4:00 PM daily, are delivered the next business day.
- The NVR (Cubis) and DVR (standalone) are checked by the technical department and remain in test mode for a reasonable time to avoid problems like DOA (dead on arrival). This process prolongs the delivery time of NVR for a working day.

Returns Process

Our company accepts the return of products that are intact and in their original packaging within 30 calendar days from the date of purchase (after having received acceptance from the sales department.)

All returns are inspected by the technical department for insuring proper function.

Cubitech's Knowledge Base

At Cubitech website (**www.cubitech.com & partners.cubitech.com**) you can access our Knowledge Base Information, support. Technical knowledge is provided to our associates for immediate, correct and effective resolving of technical problems.

Particularly:

- Manuals
- Software Updates for Cubis
- Cubis Version History
- FAQ
- How to guides
- Installation Manuals
- Support Videos
- Certificates
- Technical Support through email

Each associate will receive unique credentials for login, provided from us.

Product Warranty

All our products are guaranteed for two (2) years from the date of purchase.
A special sign reads out the years warranty for products that the warranty is higher than two (2) years. The warranty covers the repair of the product (not replacement) and repair service free of cost. If the product for any reason cannot be repaired, the company replaces it with an equal or higher specifications without extra cost.
The warranty refers to the complete product and not the individual components.
The replacement of any parts with new ones, doesn,t postpone the complete product's warranty. Any repair work not performed by the technical department of Cubitech or by an authorized technician void (makes the guarantee of the product).

Warranty does not cover any expenses required for receiving or sending goods from and to our technical department.

ISO Certification

Our company is ISO certified on all departments of the operation for providing to its partners reliable products with the best value for money and quality technical support services.

Version 4.0

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